

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040477.D
 Acq On : 27 Feb 2024 10:23
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Quant Time: Feb 28 01:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	83598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70211	50.214	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.420%			
35) Dibromofluoromethane	5.385	113	50059	51.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.647	98	183175	51.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.840%			
62) 4-Bromofluorobenzene	11.079	95	71802	53.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	21581	20.744	ug/l	98
3) Chloromethane	1.295	50	20928	20.281	ug/l	100
4) Vinyl Chloride	1.374	62	21963	19.682	ug/l	100
5) Bromomethane	1.605	94	14779	23.832	ug/l	95
6) Chloroethane	1.685	64	13602	19.261	ug/l	96
7) Trichlorofluoromethane	1.886	101	37251	21.136	ug/l	94
8) Diethyl Ether	2.136	74	12623	20.491	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	19647	20.710	ug/l	99
10) Methyl Iodide	2.453	142	18739	21.211	ug/l	99
11) Tert butyl alcohol	2.959	59	23802	101.264	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	18201	19.110	ug/l	100
13) Acrolein	2.233	56	24441	162.188	ug/l	99
14) Allyl chloride	2.666	41	32029	19.222	ug/l	93
15) Acrylonitrile	3.063	53	58458	99.149	ug/l	99
16) Acetone	2.380	43	49426	108.394	ug/l	94
17) Carbon Disulfide	2.508	76	47970	18.187	ug/l	98
18) Methyl Acetate	2.703	43	28783	20.475	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63845	19.652	ug/l	97
20) Methylene Chloride	2.788	84	21580	19.777	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	18955	18.661	ug/l	95
22) Diisopropyl ether	3.758	45	66705	19.921	ug/l	97
23) Vinyl Acetate	3.721	43	303353	98.897	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39233	20.092	ug/l	98
25) 2-Butanone	4.550	43	82675	104.064	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30771	19.792	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	23048	19.395	ug/l	98
28) Bromochloromethane	4.891	49	13937	17.063	ug/l	97
29) Tetrahydrofuran	5.001	42	55325	99.823	ug/l	100
30) Chloroform	5.093	83	40790	19.680	ug/l	94
31) Cyclohexane	5.465	56	31781	20.062	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	35039	19.807	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30278	20.220	ug/l	97
37) Ethyl Acetate	4.715	43	32053	19.559	ug/l	99
38) Carbon Tetrachloride	5.678	117	28761	19.882	ug/l	95
39) Methylcyclohexane	7.379	83	33972	21.013	ug/l	95
40) Benzene	6.038	78	80774	19.924	ug/l	97

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Manual Integrations
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Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17352	18.956	ug/l	92
42) 1,2-Dichloroethane	6.086	62	35529	21.174	ug/l	98
43) Isopropyl Acetate	6.336	43	52015	20.228	ug/l	98
44) Trichloroethene	7.123	130	22163	20.327	ug/l	97
45) 1,2-Dichloropropane	7.428	63	21369	19.695	ug/l	93
46) Dibromomethane	7.580	93	16377	20.530	ug/l	99
47) Bromodichloromethane	7.818	83	30716	19.556	ug/l	95
48) Methyl methacrylate	7.690	41	26723	20.792	ug/l	95
49) 1,4-Dioxane	7.653	88	10935	449.754	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	174904	102.875	ug/l	98
52) Toluene	8.714	92	52248	20.999	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	32143	20.166	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34517	20.146	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	21558	20.878	ug/l	92
56) Ethyl methacrylate	9.116	69	32985	20.661	ug/l	96
57) 1,3-Dichloropropane	9.305	76	37069	20.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77752	92.886	ug/l	95
59) 2-Hexanone	9.427	43	138890	106.254	ug/l	98
60) Dibromochloromethane	9.519	129	22296	19.880	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23357	20.730	ug/l	99
64) Tetrachloroethene	9.275	164	19967	21.131	ug/l	92
65) Chlorobenzene	10.080	112	57578	20.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20162	19.984	ug/l	98
67) Ethyl Benzene	10.195	91	104773	19.993	ug/l	100
68) m/p-Xylenes	10.299	106	76469	39.077	ug/l	94
69) o-Xylene	10.640	106	36436	19.468	ug/l	92
70) Styrene	10.653	104	62584	20.058	ug/l	97
71) Bromoform	10.799	173	15465	18.726	ug/l #	97
73) Isopropylbenzene	10.964	105	101609	20.639	ug/l	100
74) N-amyl acetate	10.842	43	45642	19.961	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	35961	20.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30204m	20.530	ug/l	
77) Bromobenzene	11.195	156	23673	20.336	ug/l	99
78) n-propylbenzene	11.305	91	125655	20.577	ug/l	98
79) 2-Chlorotoluene	11.360	91	73971	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85981	20.536	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9395	21.094	ug/l	98
82) 4-Chlorotoluene	11.451	91	86933	20.450	ug/l	99
83) tert-Butylbenzene	11.713	119	81867	20.740	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	85345	20.544	ug/l	98
85) sec-Butylbenzene	11.890	105	108762	20.973	ug/l	99
86) p-Isopropyltoluene	12.006	119	89830	21.015	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46843	20.188	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	47825	20.247	ug/l	100
89) n-Butylbenzene	12.329	91	86501	20.569	ug/l	96
90) Hexachloroethane	12.536	117	14274	20.064	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	45314	20.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8161	19.661	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29786	20.641	ug/l	95
94) Hexachlorobutadiene	13.725	225	12207	20.698	ug/l	97
95) Naphthalene	13.774	128	94014	20.387	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29202	21.288	ug/l	97

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MSVOA_X
ClientSampleId :
VX0227WBS01

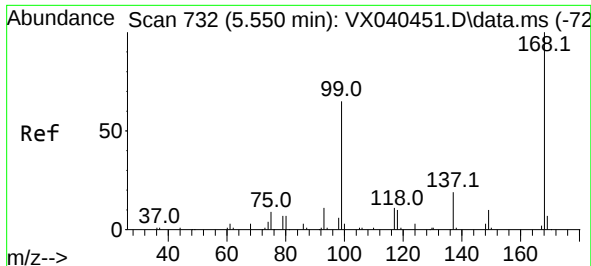
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:58:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

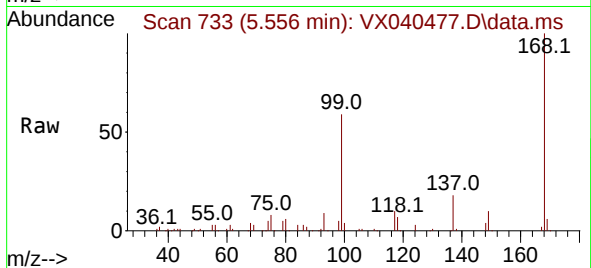
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040477.D
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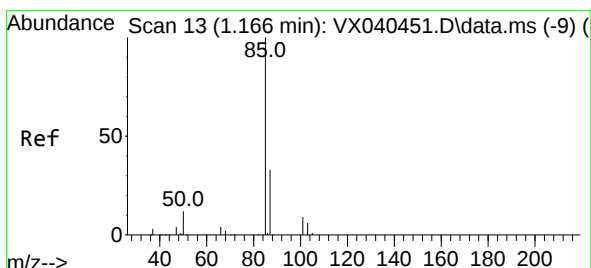
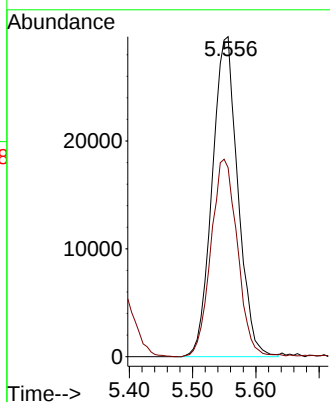
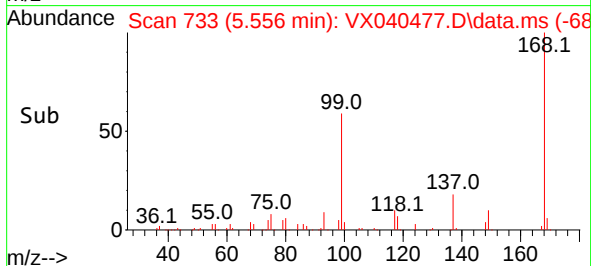
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:168 Resp: 83598
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

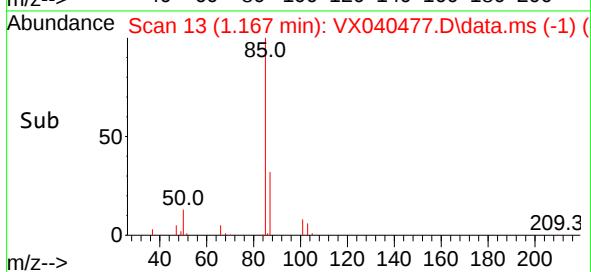
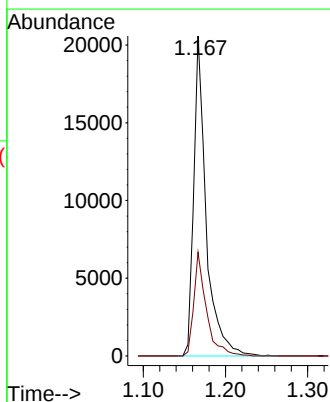
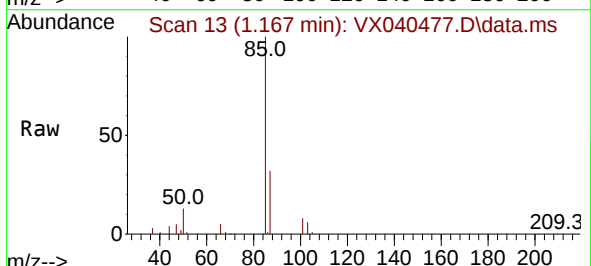
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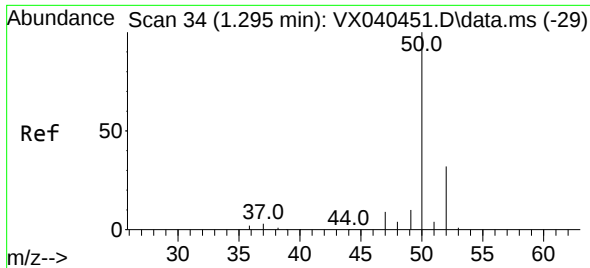
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#2
Dichlorodifluoromethane
Concen: 20.744 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 85 Resp: 21581
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





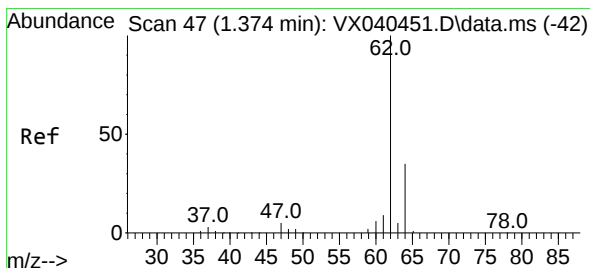
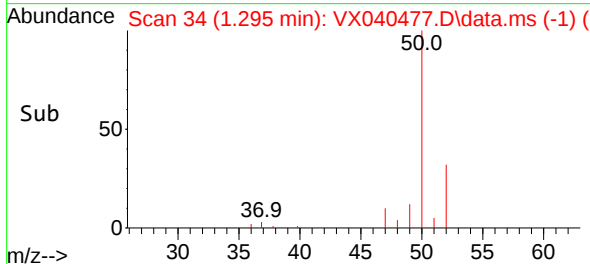
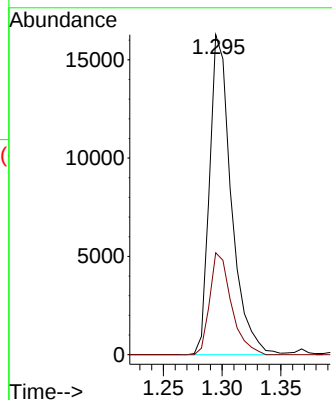
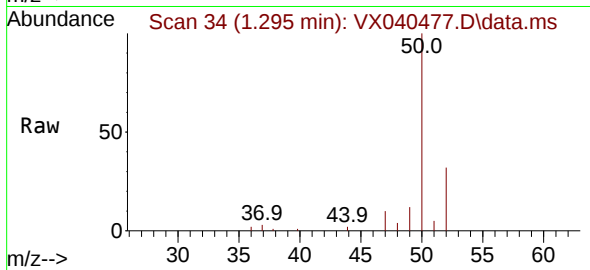
#3
Chloromethane
Concen: 20.281 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 50 Resp: 20928
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

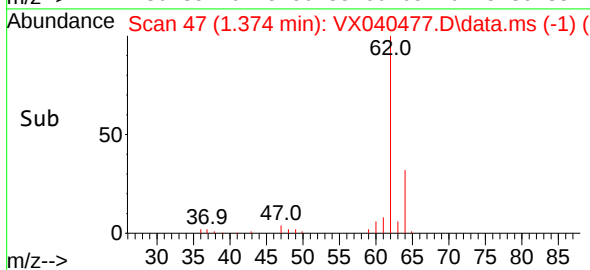
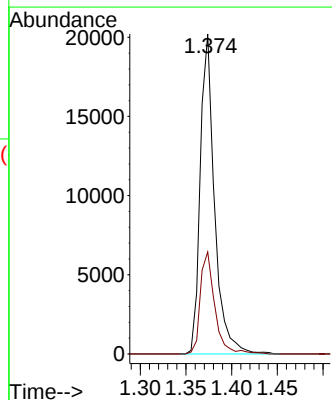
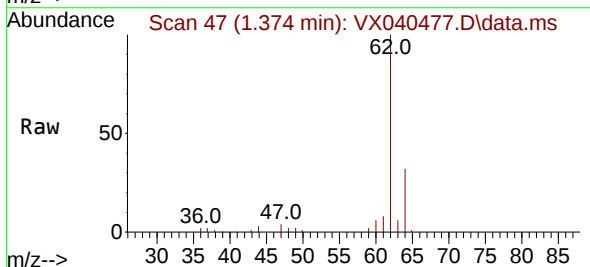
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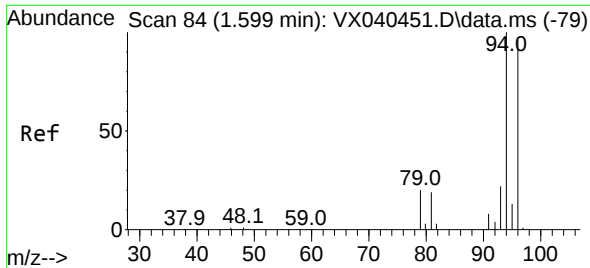
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#4
Vinyl Chloride
Concen: 19.682 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 62 Resp: 21963
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





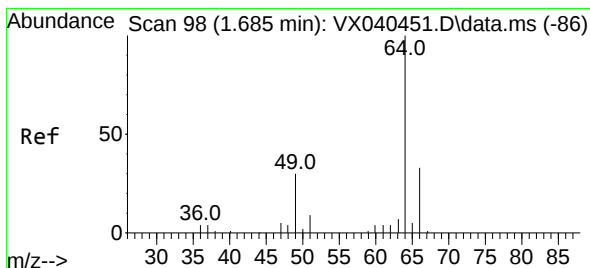
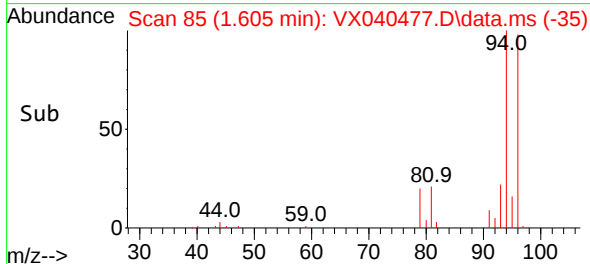
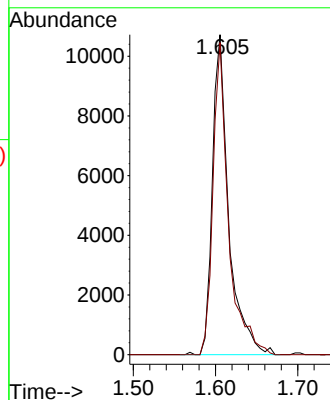
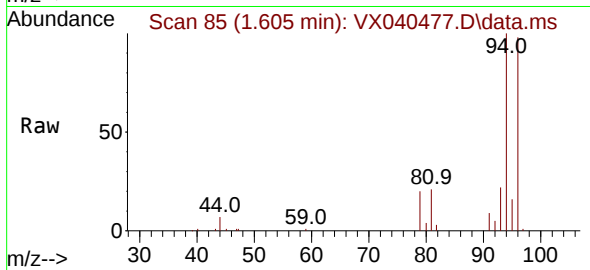
#5
Bromomethane
Concen: 23.832 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 14779
Ion Ratio Lower Upper
94 100
96 97.5 74.6 111.8

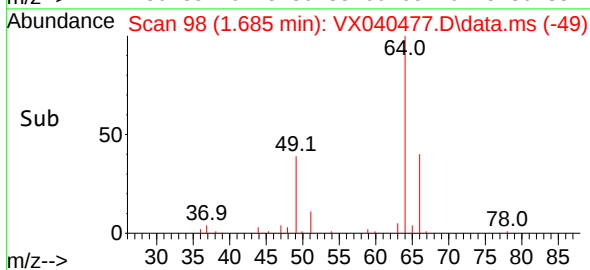
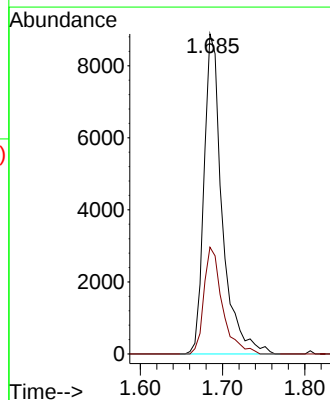
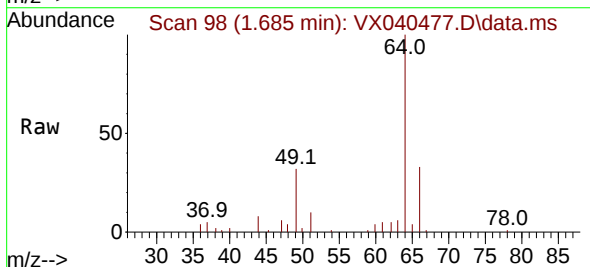
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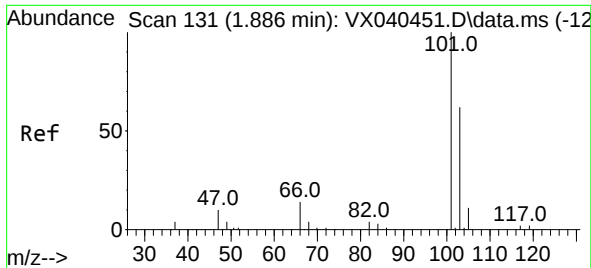
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#6
Chloroethane
Concen: 19.261 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

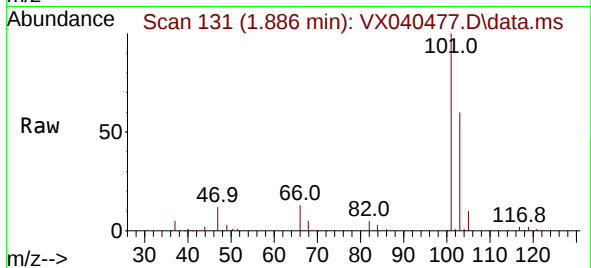
Tgt Ion: 64 Resp: 13602
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 21.136 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

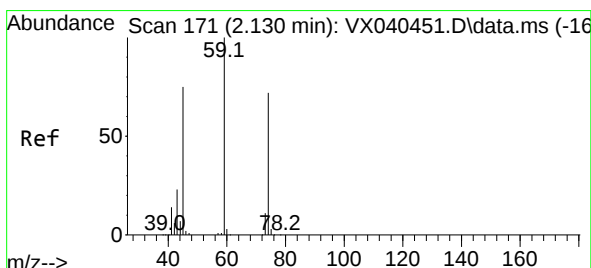
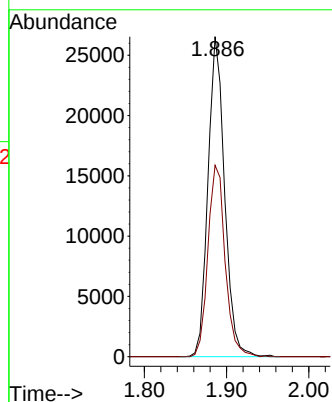
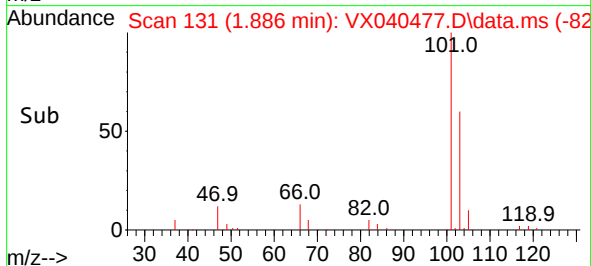
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:101 Resp: 3725
Ion Ratio Lower Upper
101 100
103 59.8 51.4 77.2

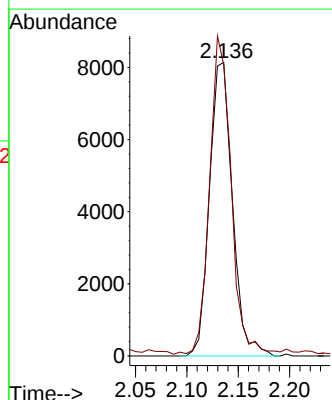
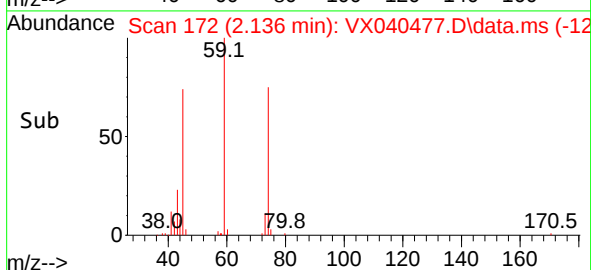
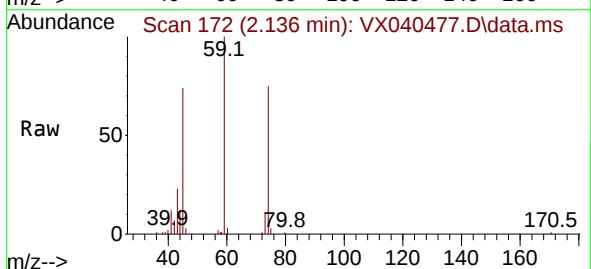
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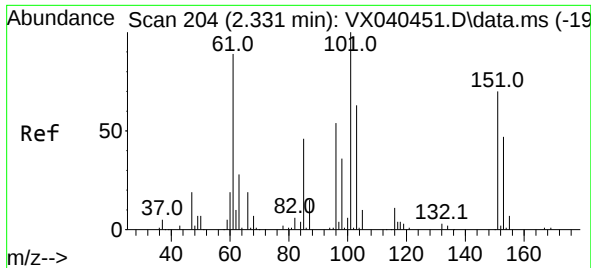
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#8
Diethyl Ether
Concen: 20.491 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 74 Resp: 12623
Ion Ratio Lower Upper
74 100
45 100.9 53.3 159.8





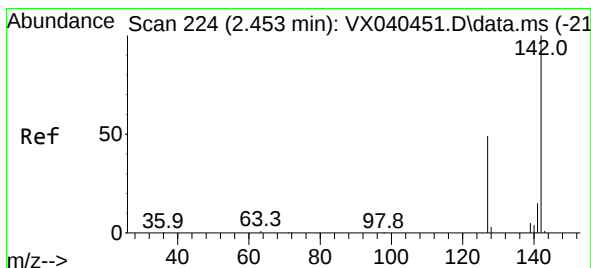
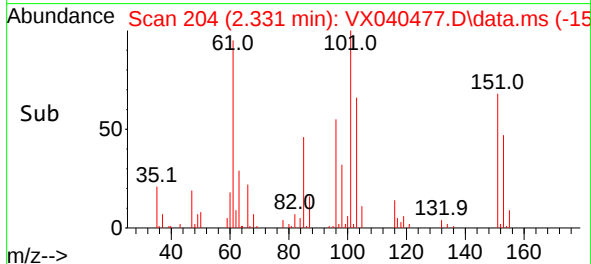
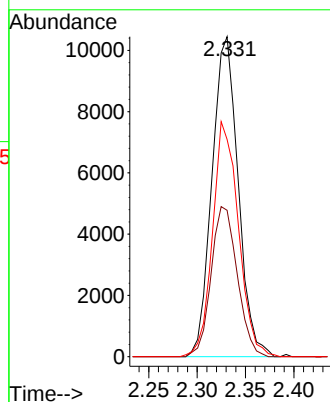
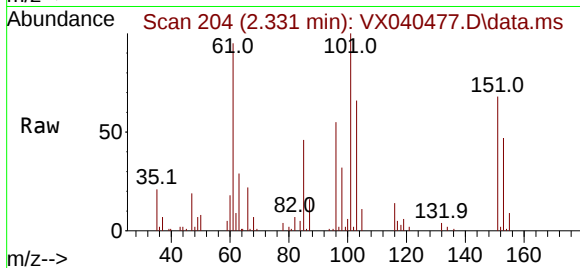
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.710 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:101 Resp: 1964
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 72.6 58.6 87.8

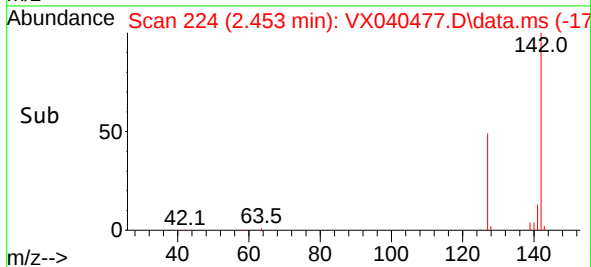
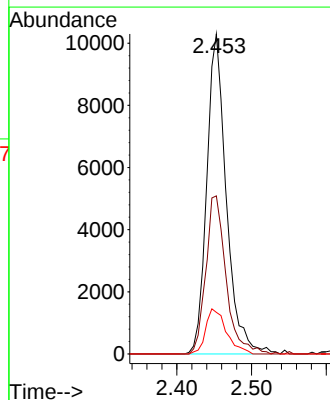
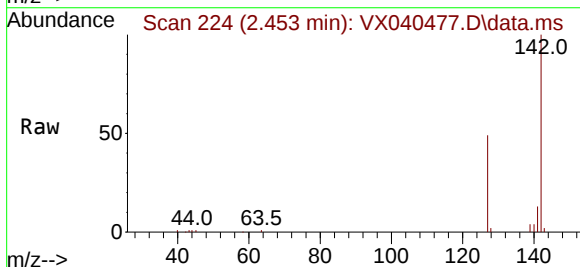
Manual Integrations
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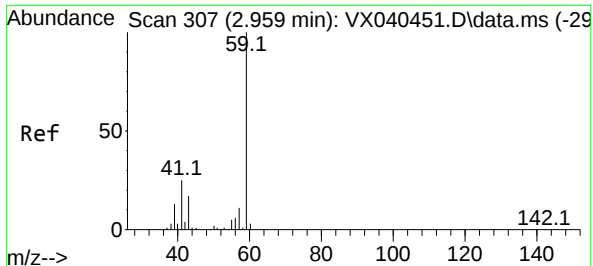
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#10
Methyl Iodide
Concen: 21.211 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion:142 Resp: 18739
Ion Ratio Lower Upper
142 100
127 51.2 41.6 62.4
141 14.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.264 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX040477.D

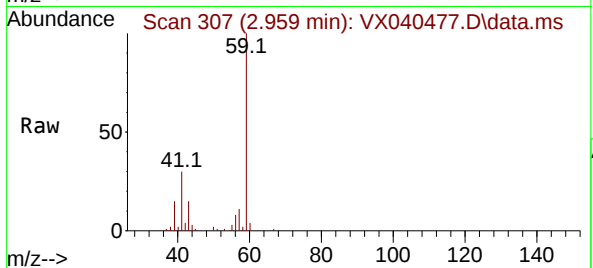
Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01



Tgt Ion: 59 Resp: 2380

Ion Ratio Lower Upper

59 100

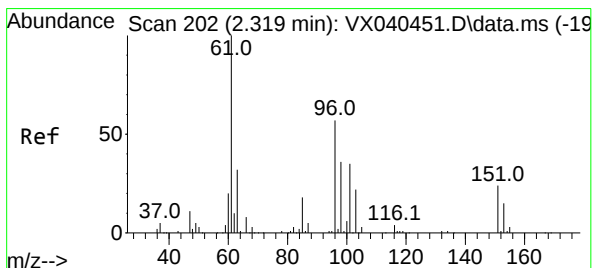
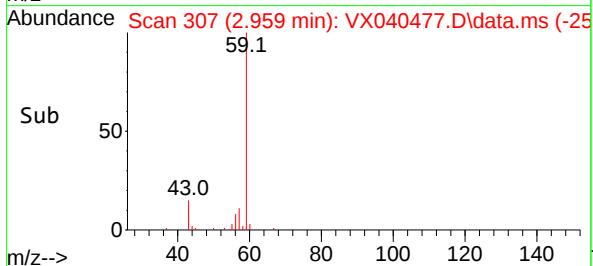
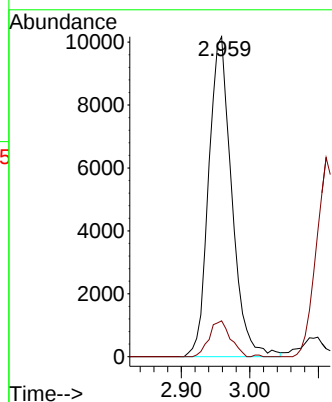
57 10.3 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#12

1,1-Dichloroethene

Concen: 19.110 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

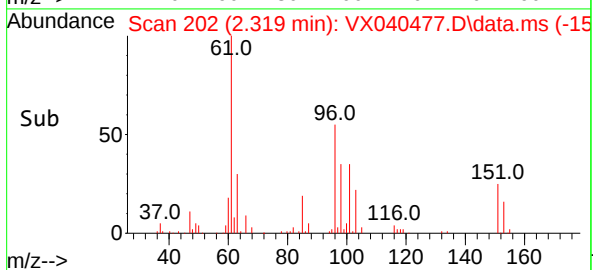
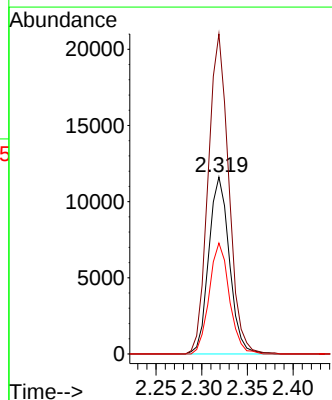
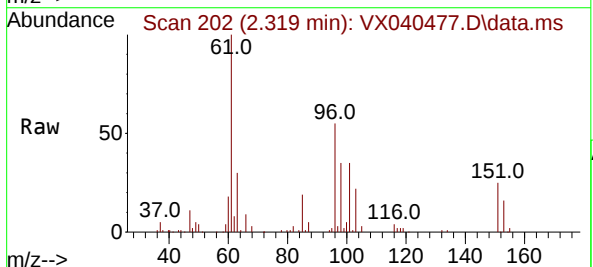
Tgt Ion: 96 Resp: 18201

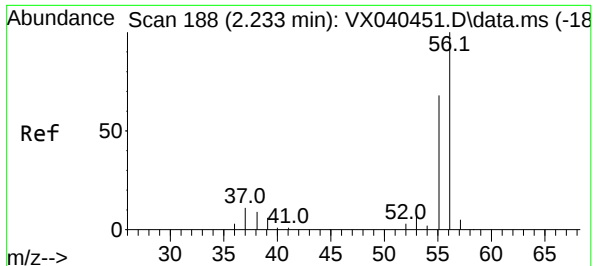
Ion Ratio Lower Upper

96 100

61 180.7 144.6 216.8

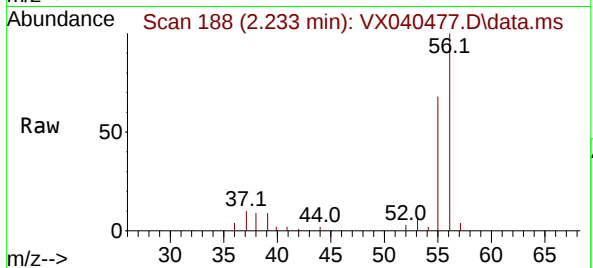
98 62.6 50.4 75.6





#13
Acrolein
Concen: 162.188 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

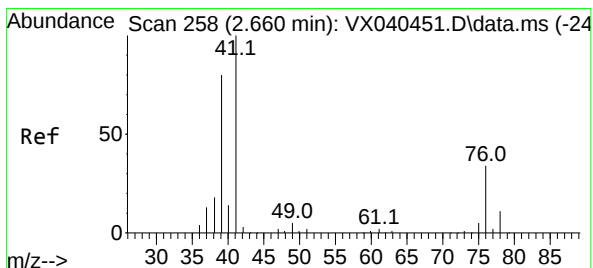
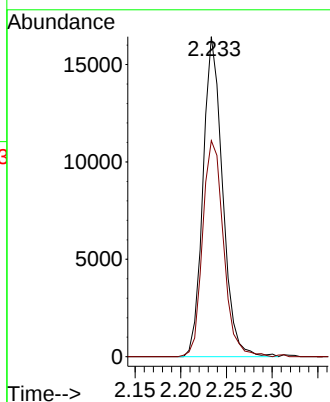
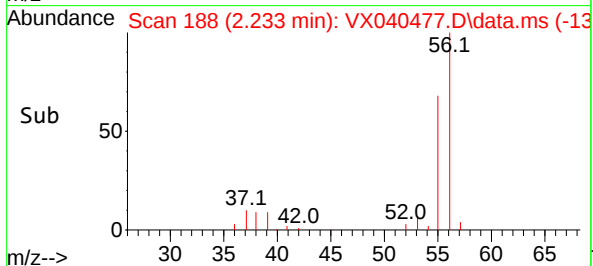
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



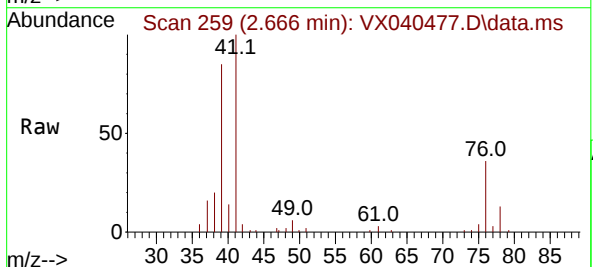
Tgt Ion: 56 Resp: 2444
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

Manual Integrations
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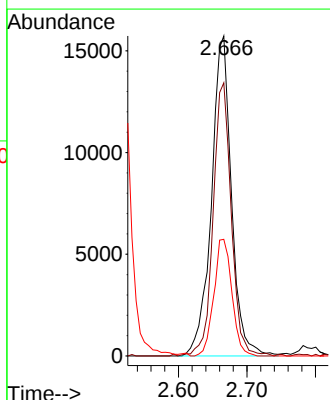
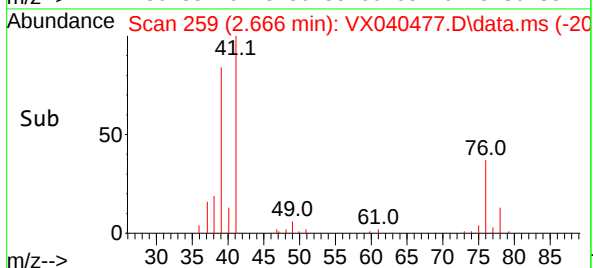
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

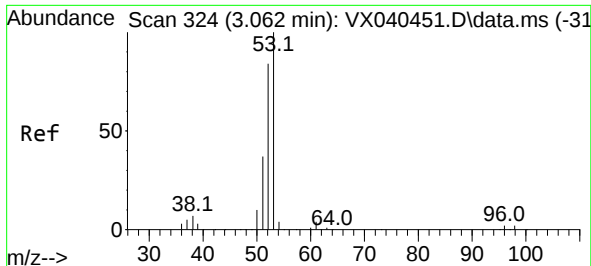


#14
Allyl chloride
Concen: 19.222 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion: 41 Resp: 32029
Ion Ratio Lower Upper
41 100
39 76.8 55.8 83.6
76 32.7 24.3 36.5





#15

Acrylonitrile

Concen: 99.149 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040477.D

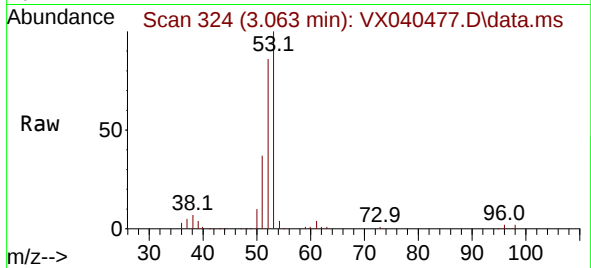
Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01



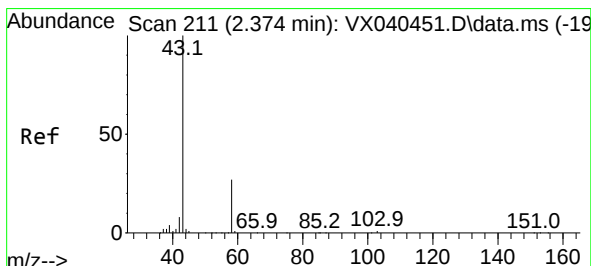
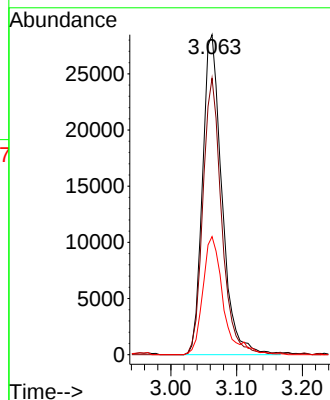
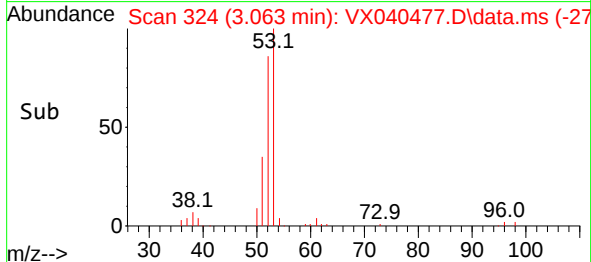
Tgt Ion: 53	Resp: 58458
Ion Ratio	Lower Upper
53	100
52	83.2 66.0 99.0
51	38.9 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#16

Acetone

Concen: 108.394 ug/l

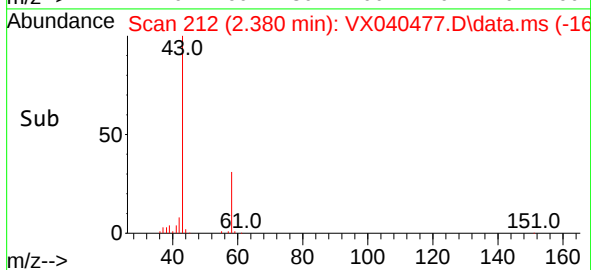
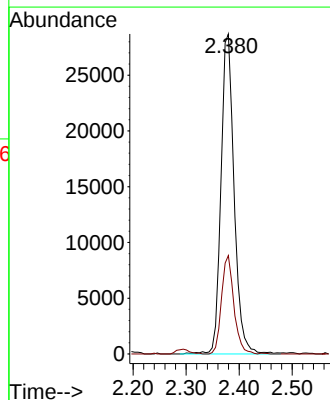
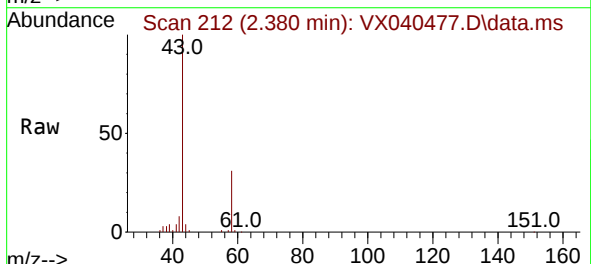
RT: 2.380 min Scan# 212

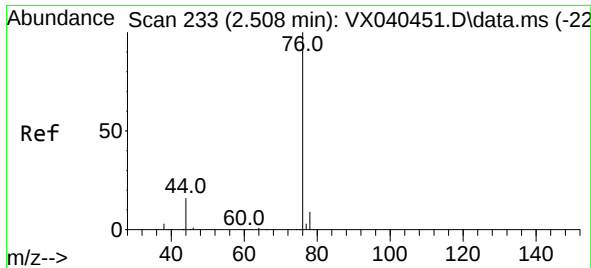
Delta R.T. 0.006 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

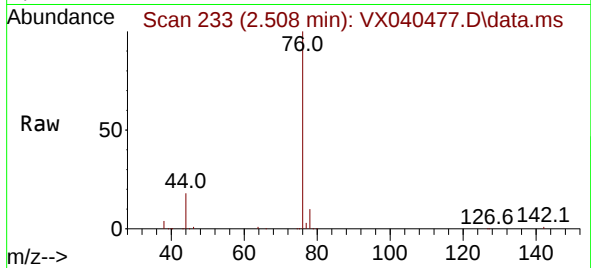
Tgt Ion: 43	Resp: 49426
Ion Ratio	Lower Upper
43	100
58	30.8 21.9 32.9





#17
Carbon Disulfide
Concen: 18.187 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

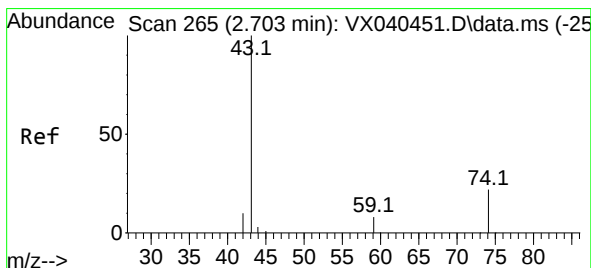
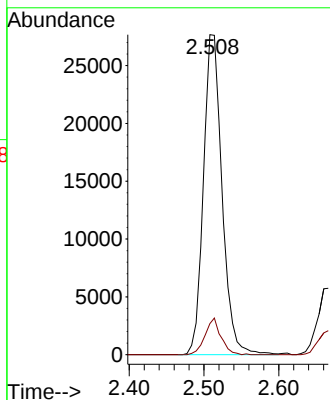
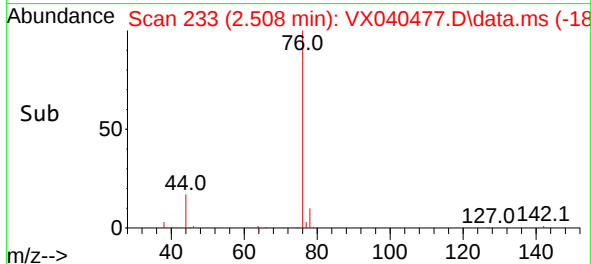
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



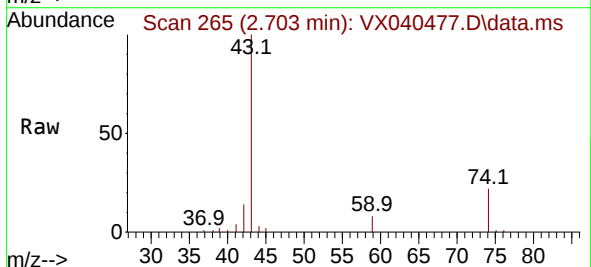
Tgt Ion: 76 Resp: 47970
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

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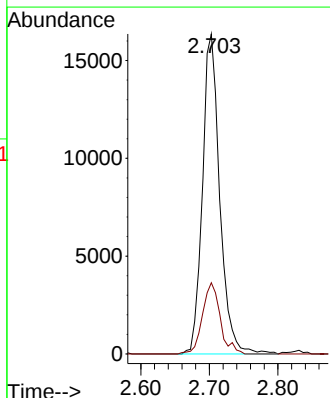
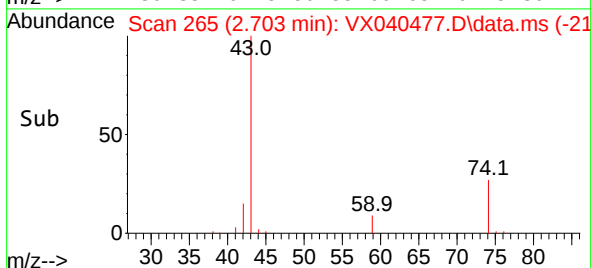
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

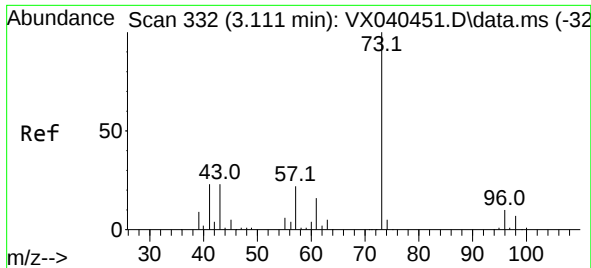


#18
Methyl Acetate
Concen: 20.475 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion: 43 Resp: 28783
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





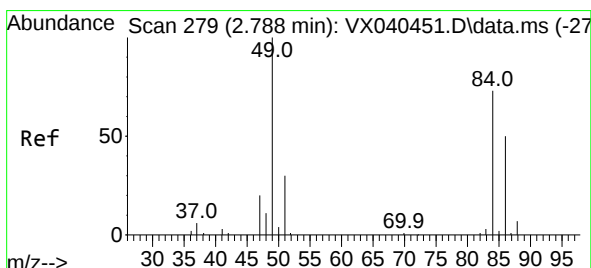
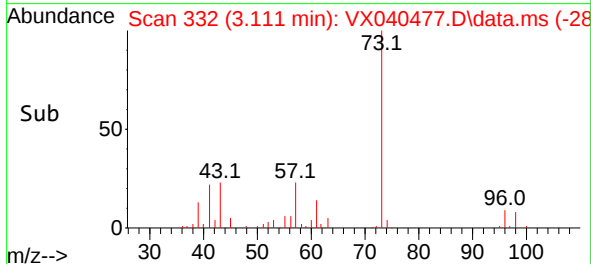
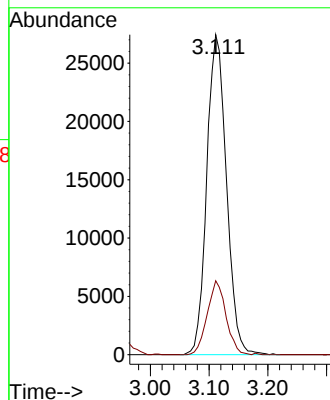
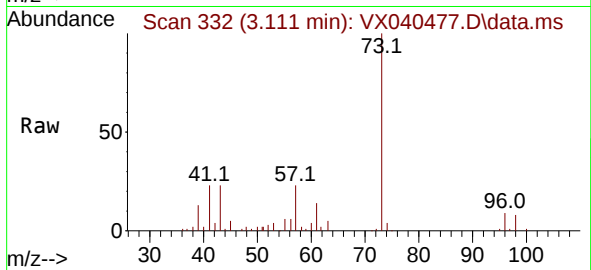
#19
Methyl tert-butyl Ether
Concen: 19.652 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 73 Resp: 6384
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

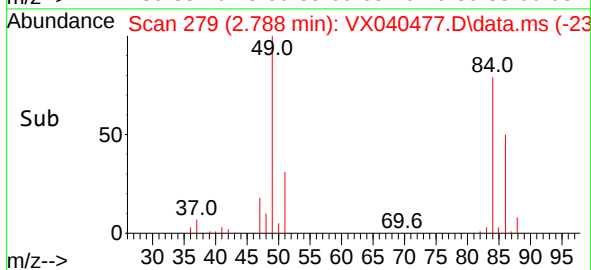
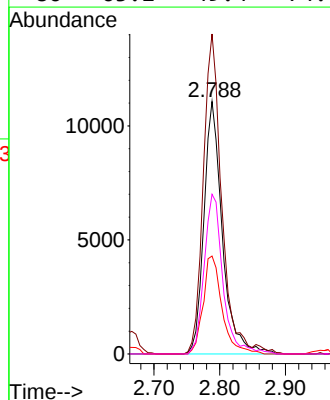
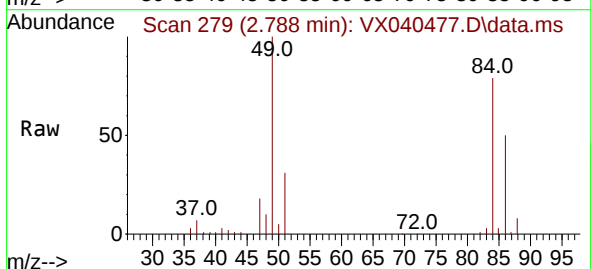
Manual Integrations
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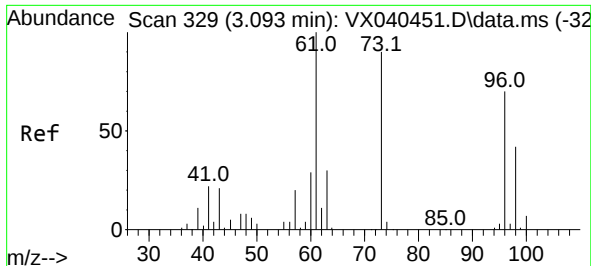
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#20
Methylene Chloride
Concen: 19.777 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

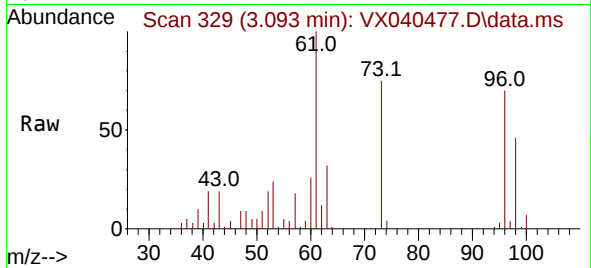
Tgt Ion: 84 Resp: 21580
Ion Ratio Lower Upper
84 100
49 126.8 103.6 155.4
51 38.8 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.661 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

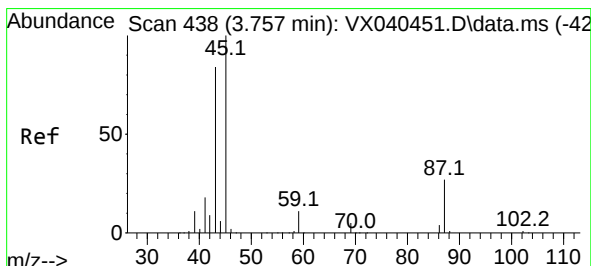
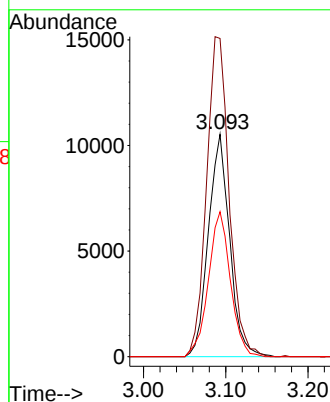
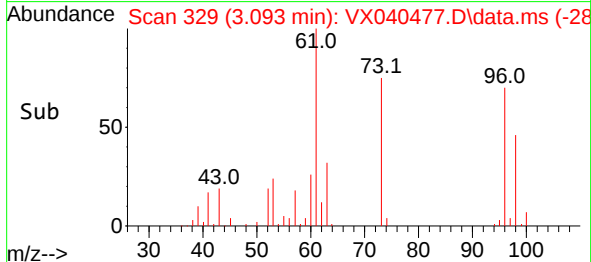
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



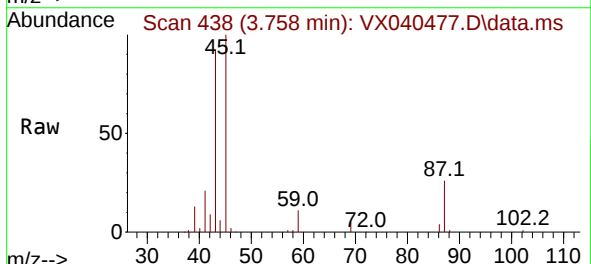
Tgt Ion: 96 Resp: 1895
Ion Ratio Lower Upper
96 100
61 143.0 119.2 178.8
98 65.1 48.7 73.1

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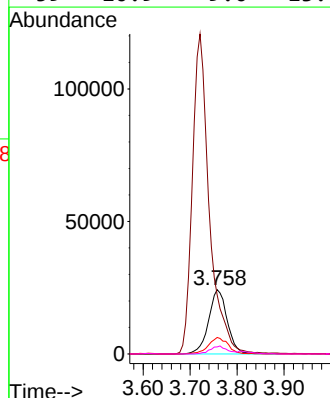
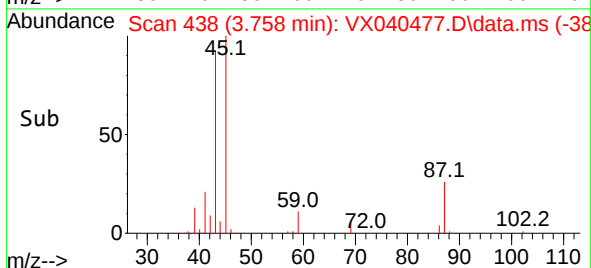
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

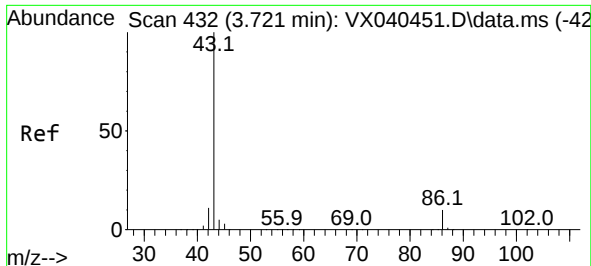


#22
Diisopropyl ether
Concen: 19.921 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion: 45 Resp: 66705
Ion Ratio Lower Upper
45 100
43 90.6 69.7 104.5
87 25.7 20.8 31.2
59 10.9 9.0 13.4





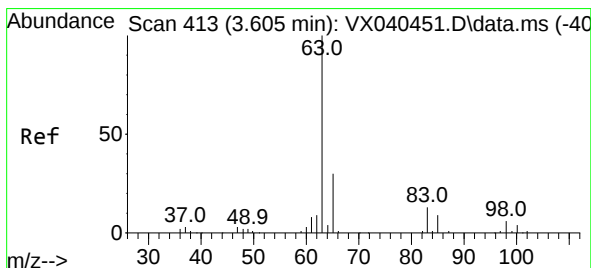
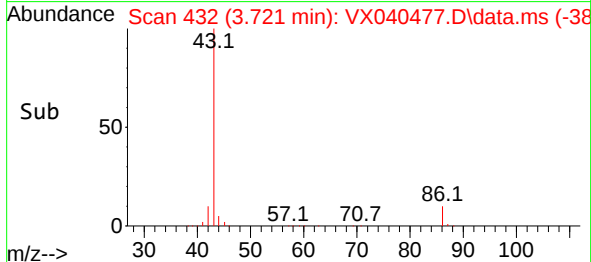
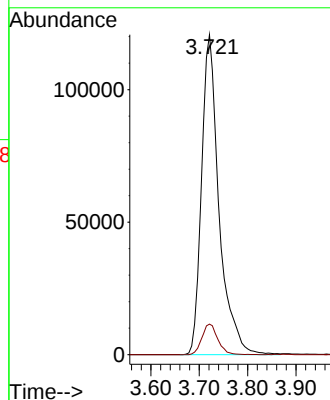
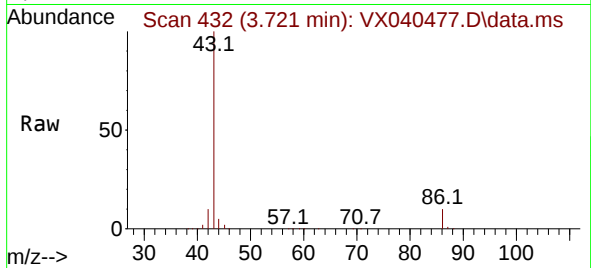
#23
 Vinyl Acetate
 Concen: 98.897 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040477.D
 Acq: 27 Feb 2024 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tgt Ion: 43 Resp: 30335
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

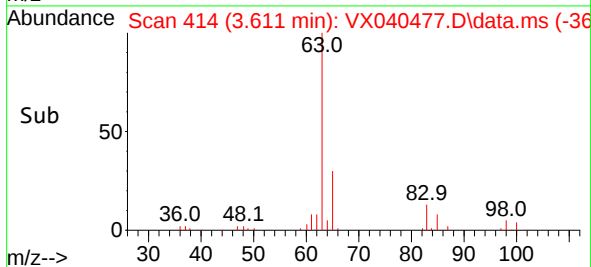
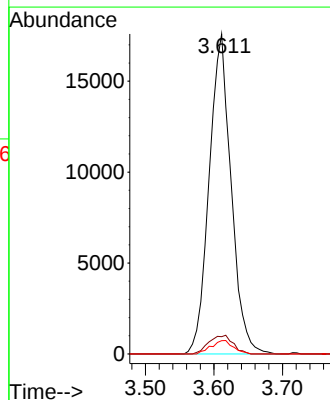
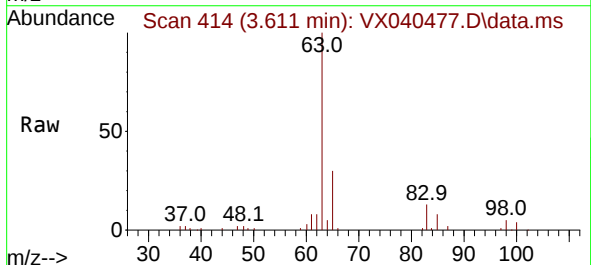
Manual Integrations
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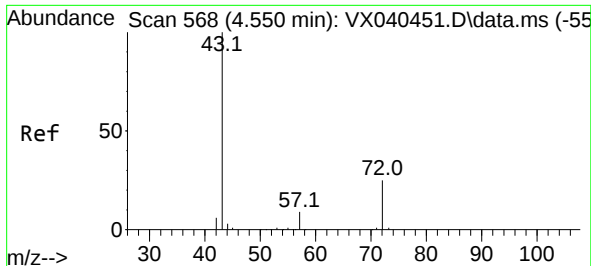
Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024



#24
 1,1-Dichloroethane
 Concen: 20.092 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040477.D
 Acq: 27 Feb 2024 10:23

Tgt Ion: 63 Resp: 39233
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 4.1 2.1 6.5





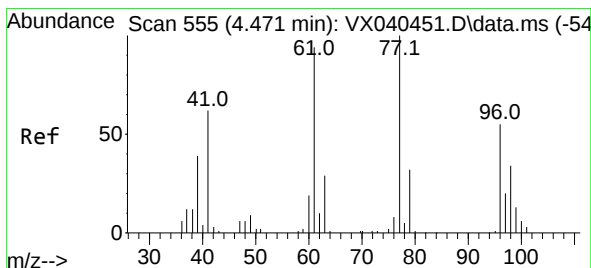
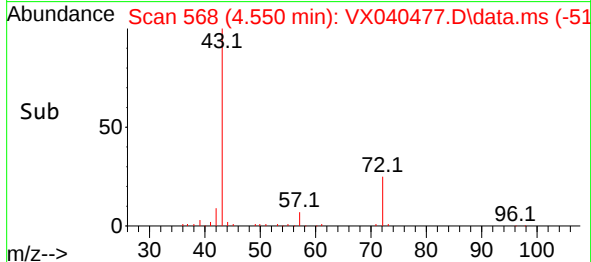
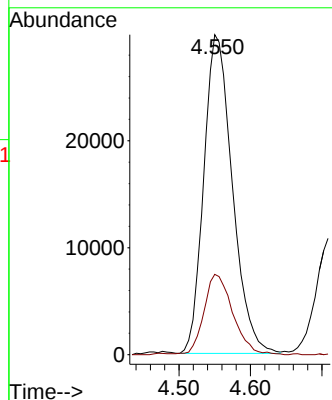
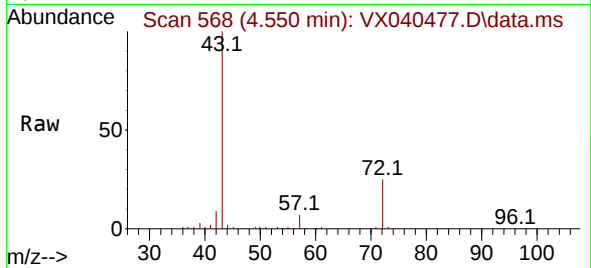
#25
2-Butanone
Concen: 104.064 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 43 Resp: 82675
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

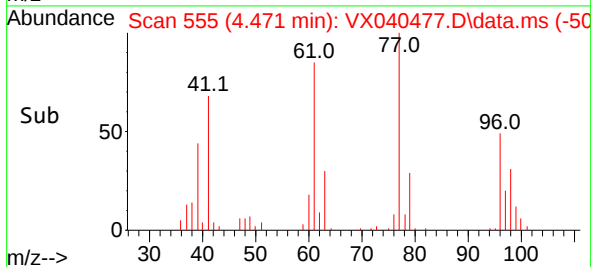
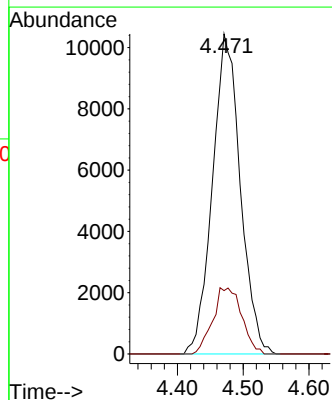
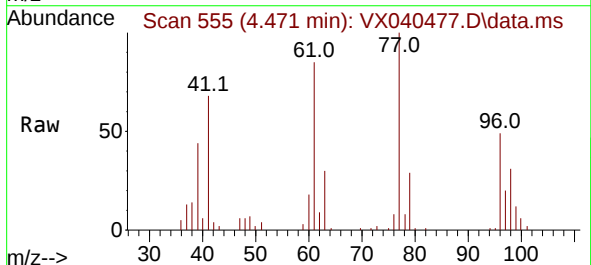
Manual Integrations
APPROVED

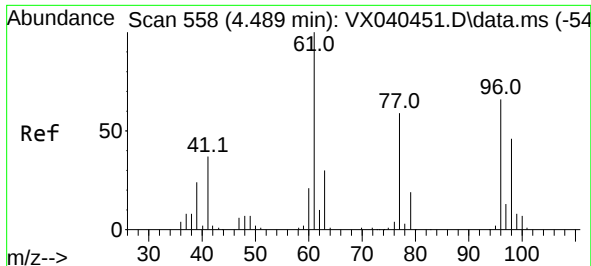
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#26
2,2-Dichloropropane
Concen: 19.792 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

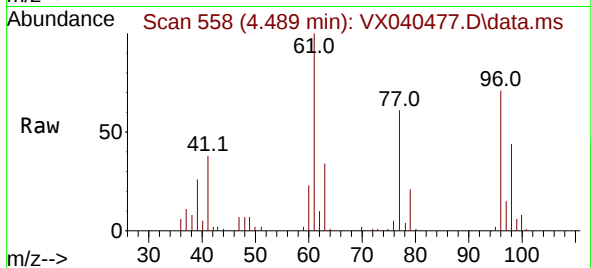
Tgt Ion: 77 Resp: 30771
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 19.395 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

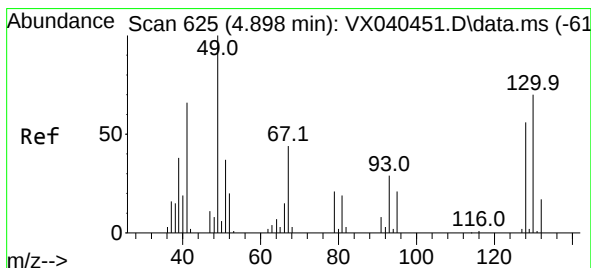
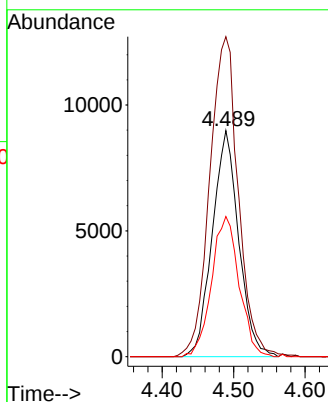
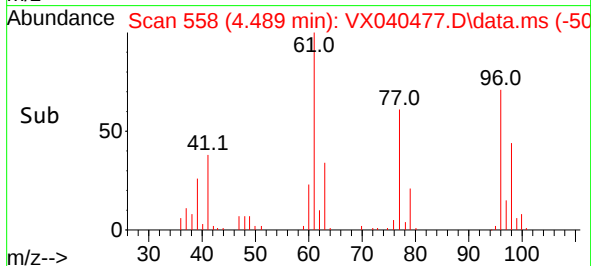
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 96 Resp: 2304
Ion Ratio Lower Upper
96 100
61 153.2 0.0 312.2
98 64.6 0.0 129.0

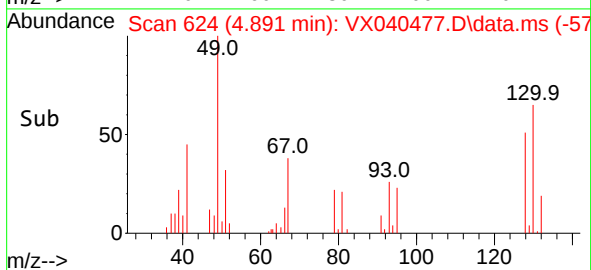
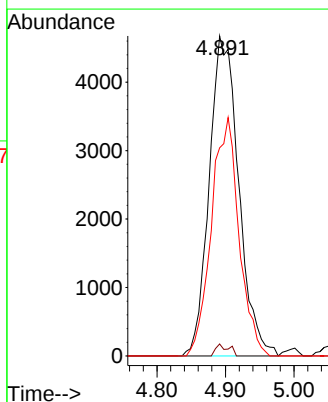
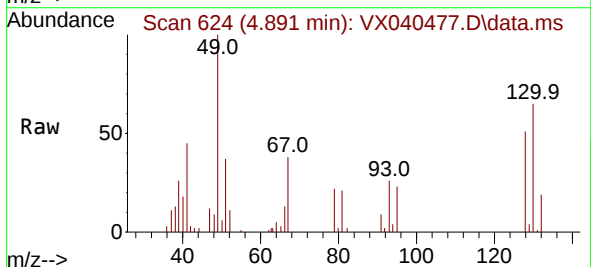
Manual Integrations
APPROVED

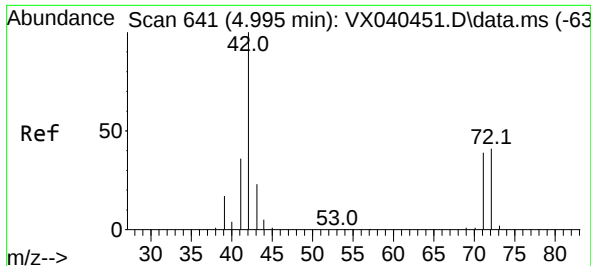
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#28
Bromochloromethane
Concen: 17.063 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 49 Resp: 13937
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 69.7 57.5 86.3





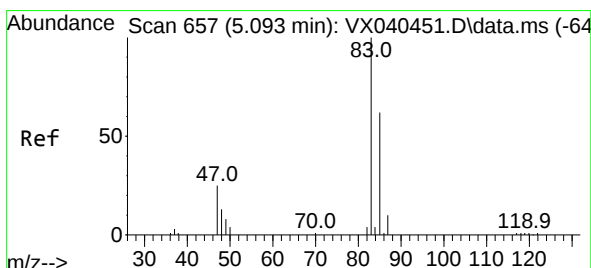
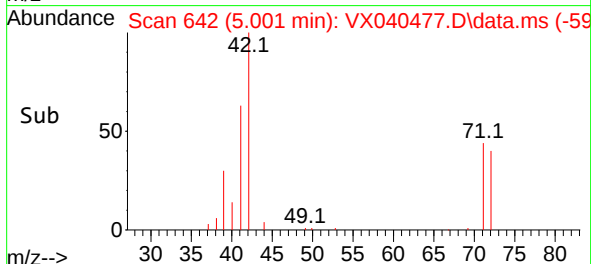
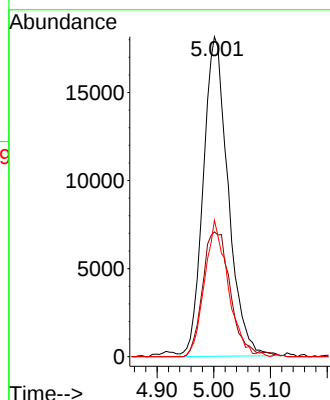
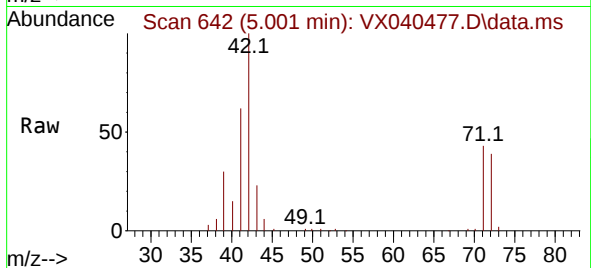
#29
Tetrahydrofuran
Concen: 99.823 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 42 Resp: 55329
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.2 32.2 48.2

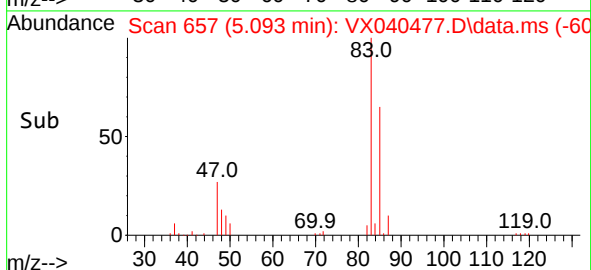
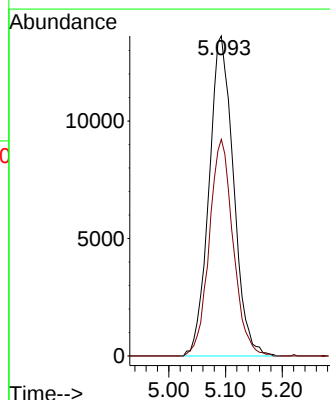
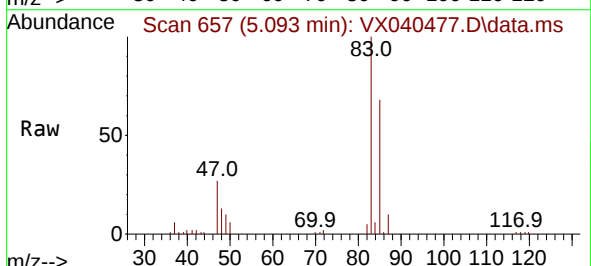
Manual Integrations
APPROVED

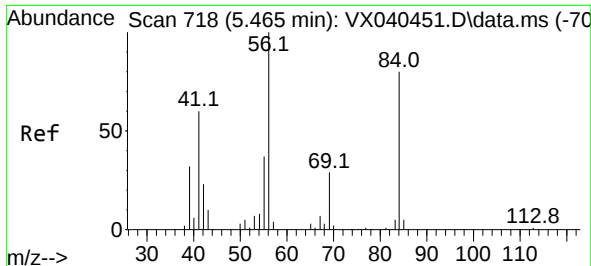
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#30
Chloroform
Concen: 19.680 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 83 Resp: 40790
Ion Ratio Lower Upper
83 100
85 67.7 50.3 75.5





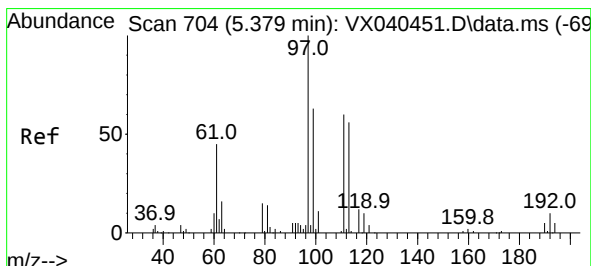
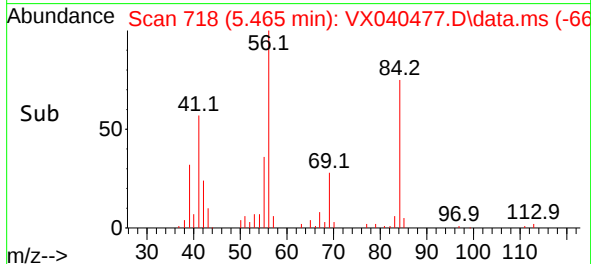
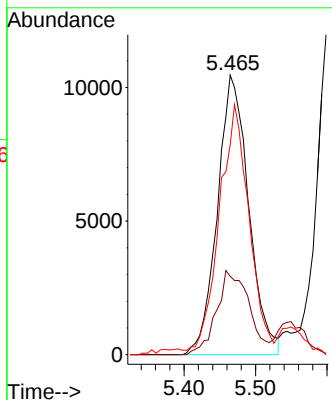
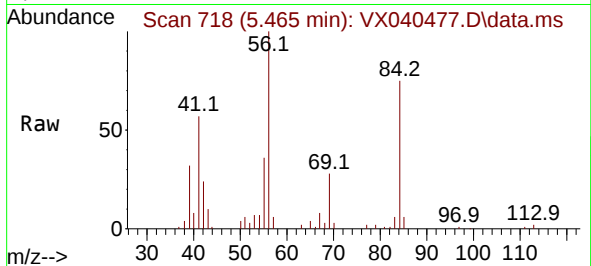
#31
Cyclohexane
Concen: 20.062 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 56 Resp: 3178
Ion Ratio Lower Upper
56 100
69 28.0 23.4 35.2
84 73.0 65.9 98.9

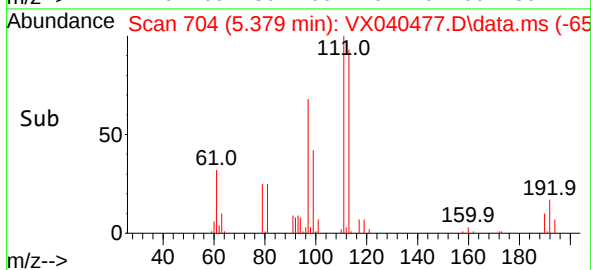
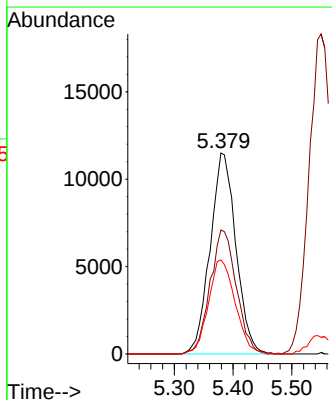
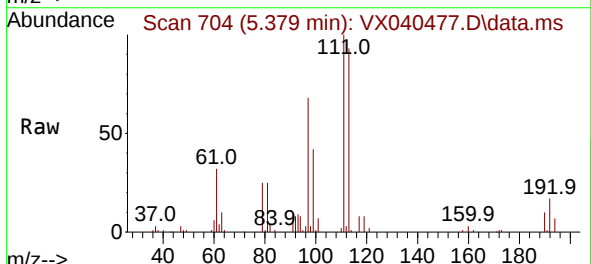
Manual Integrations
APPROVED

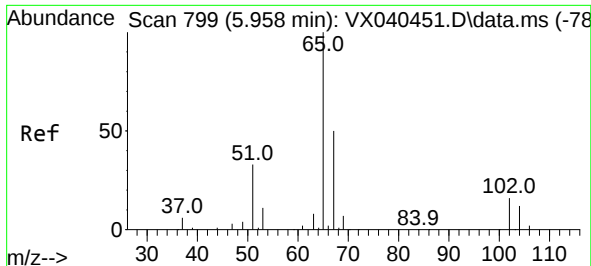
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#32
1,1,1-Trichloroethane
Concen: 19.807 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 97 Resp: 35039
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 48.4 36.4 54.6





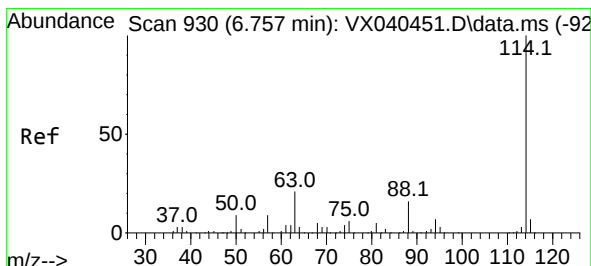
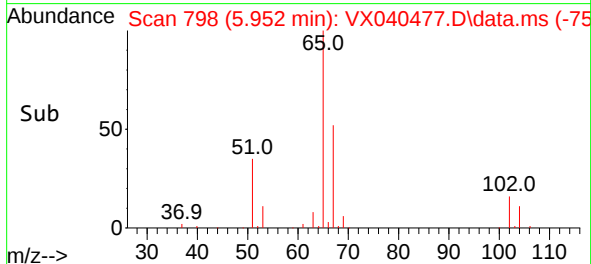
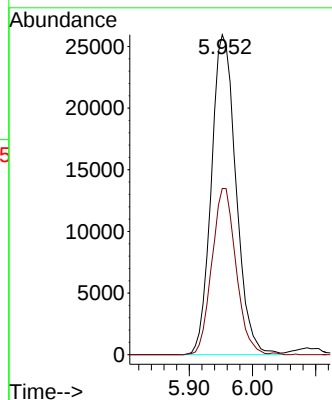
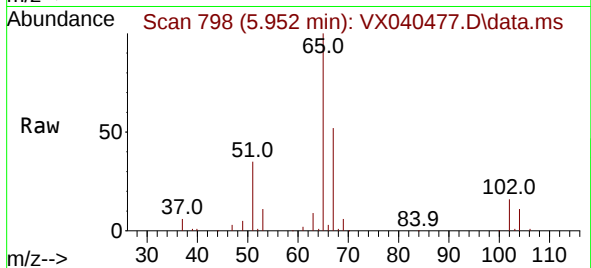
#33
1,2-Dichloroethane-d4
Concen: 50.214 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 65 Resp: 7021
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

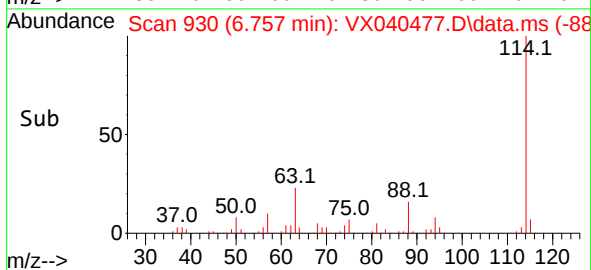
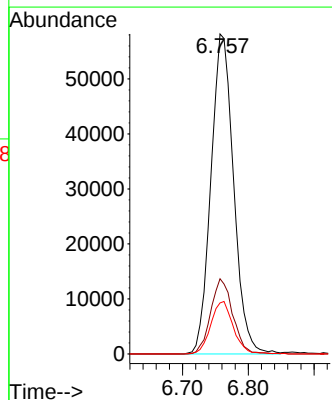
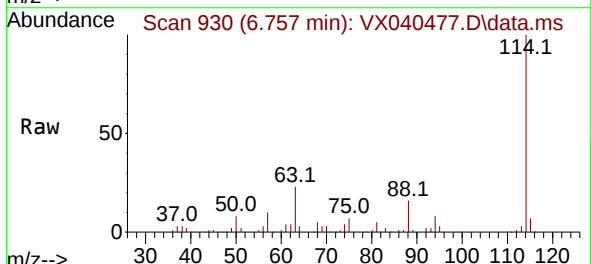
Manual Integrations
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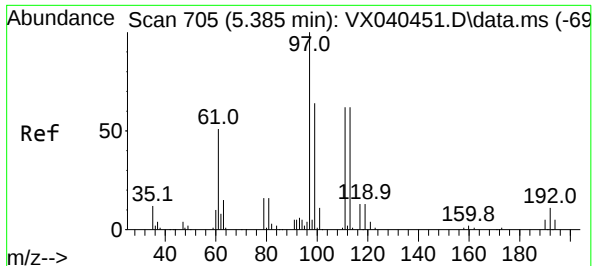
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion:114 Resp: 139766
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.505 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion:113 Resp: 50059

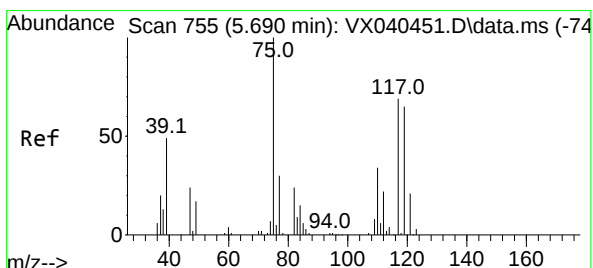
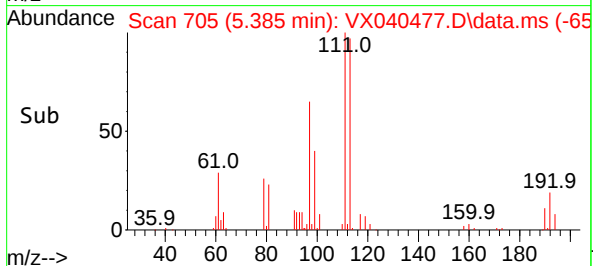
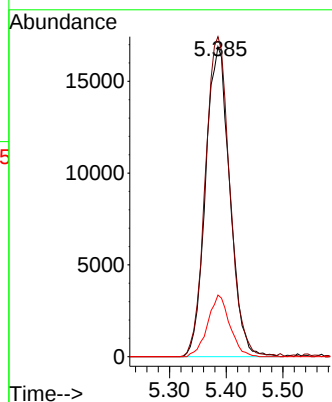
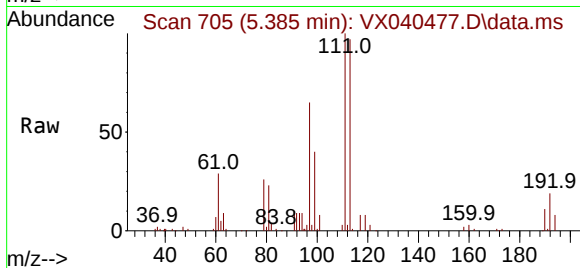
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#36

1,1-Dichloropropene

Concen: 20.220 ug/l

RT: 5.696 min Scan# 756

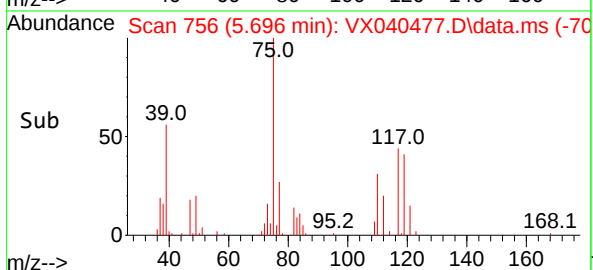
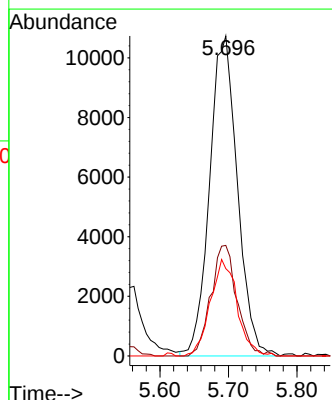
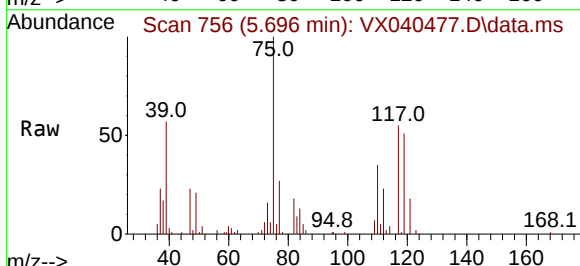
Delta R.T. 0.006 min

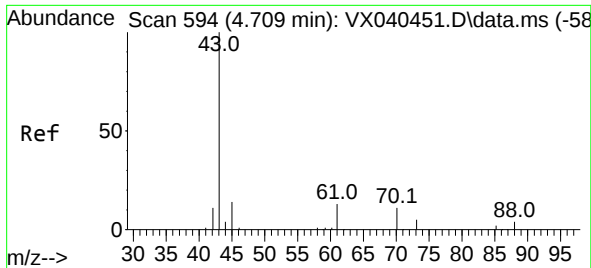
Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion: 75 Resp: 30278

Ion	Ratio	Lower	Upper
75	100		
110	32.6	17.0	50.9
77	29.0	24.7	37.1





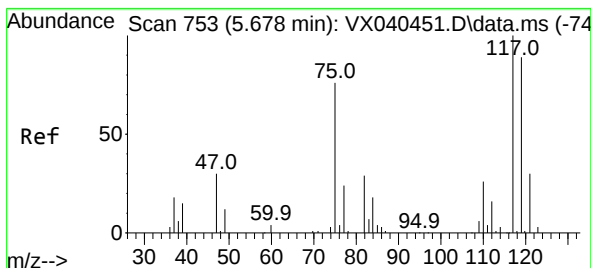
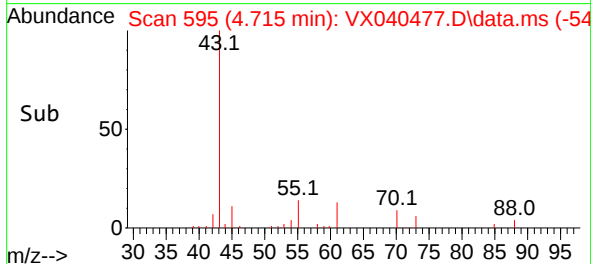
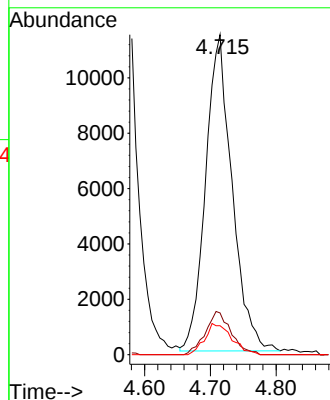
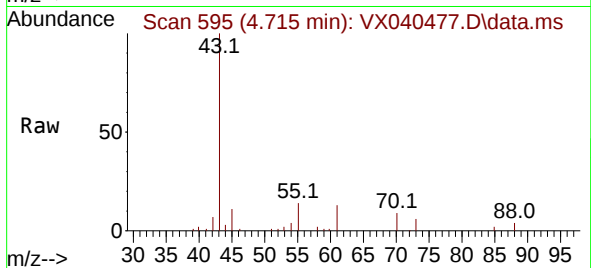
#37
Ethyl Acetate
Concen: 19.559 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 9.9 8.3 12.5

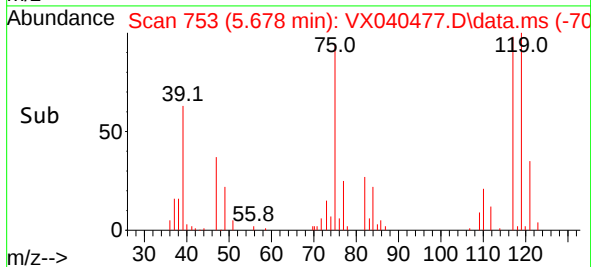
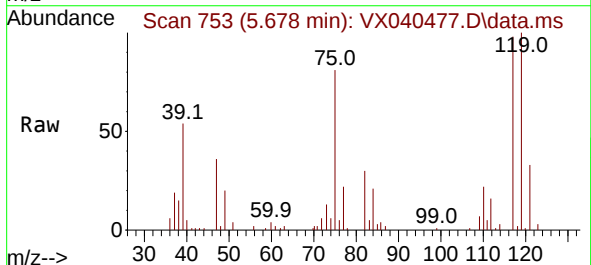
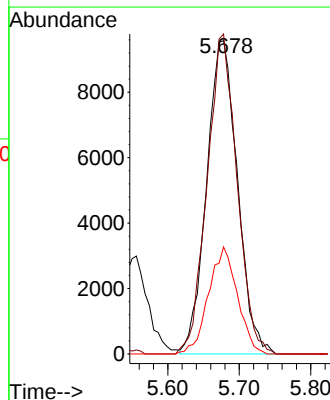
Manual Integrations
APPROVED

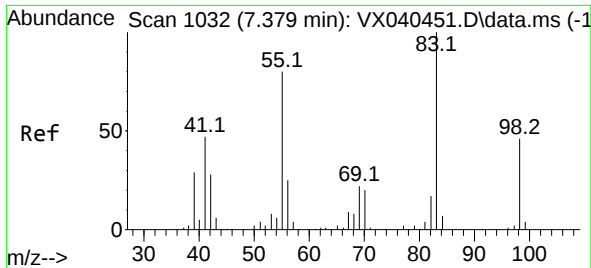
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#38
Carbon Tetrachloride
Concen: 19.882 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

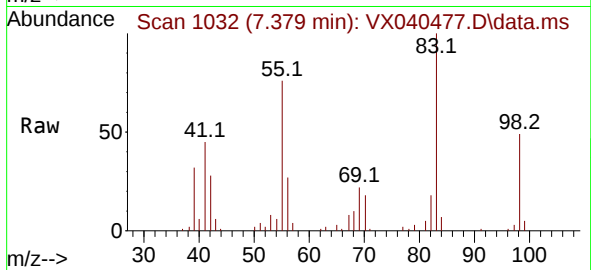
Tgt Ion:117 Resp: 28761
Ion Ratio Lower Upper
117 100
119 102.1 78.2 117.2
121 34.2 24.4 36.6





#39
Methylcyclohexane
Concen: 21.013 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

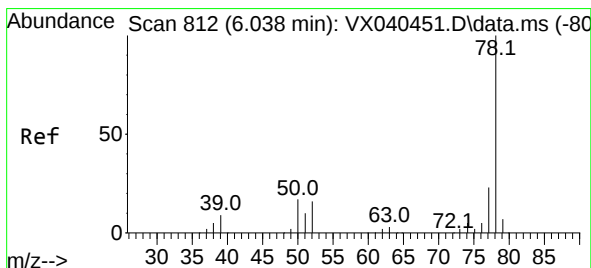
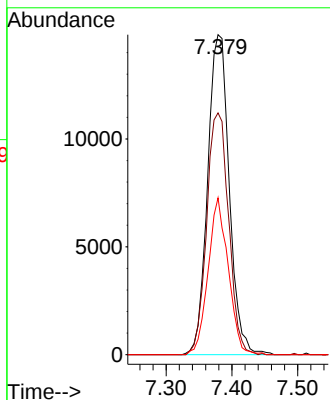
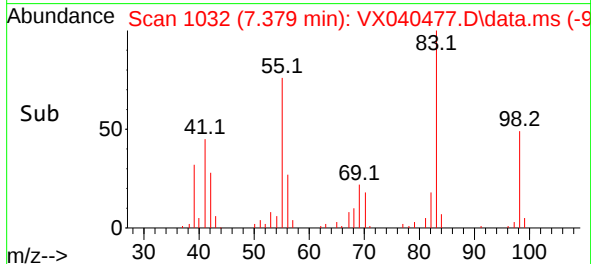
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 83 Resp: 33972
Ion Ratio Lower Upper
83 100
55 75.6 64.6 97.0
98 49.0 36.7 55.1

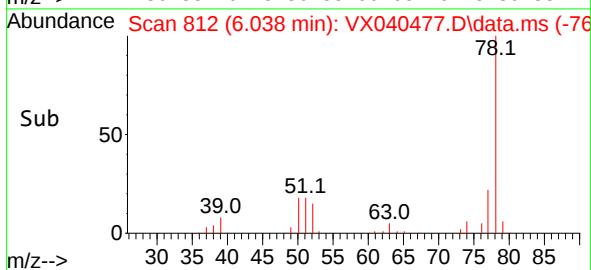
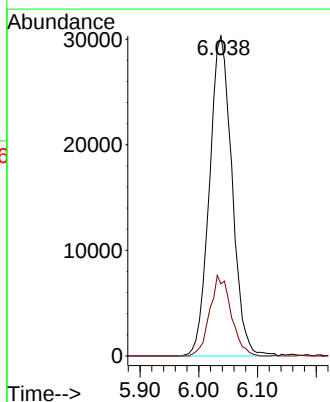
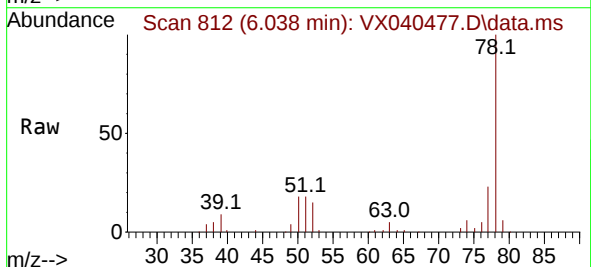
Manual Integrations
APPROVED

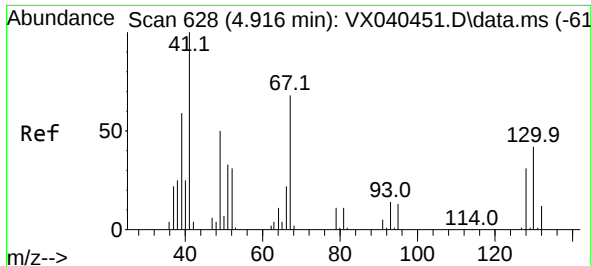
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#40
Benzene
Concen: 19.924 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

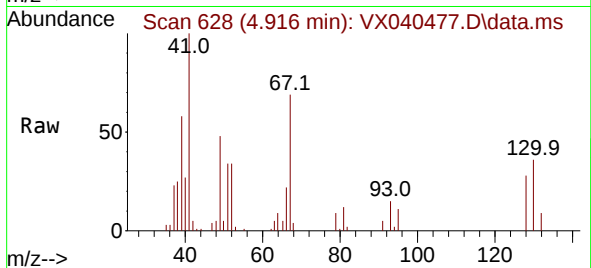
Tgt Ion: 78 Resp: 80774
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 18.956 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

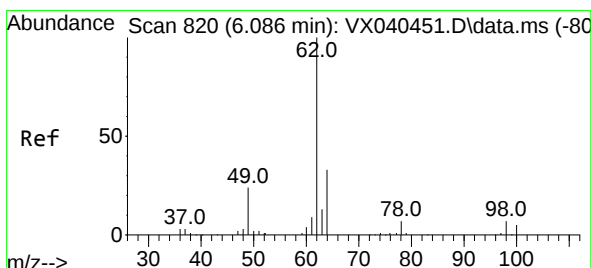
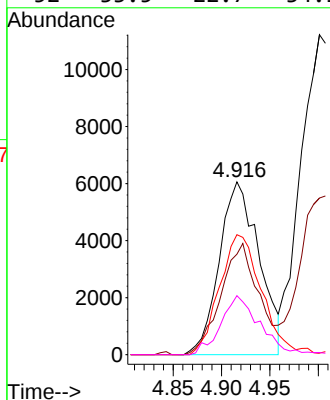
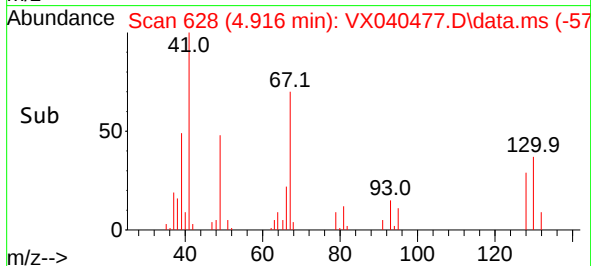
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 41 Resp: 1735
Ion Ratio Lower Upper
41 100
39 59.6 45.2 67.8
67 73.6 52.6 78.8
52 33.5 22.7 34.1

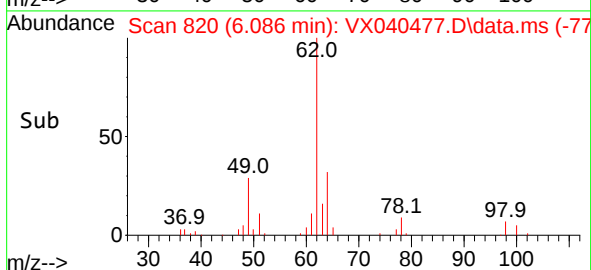
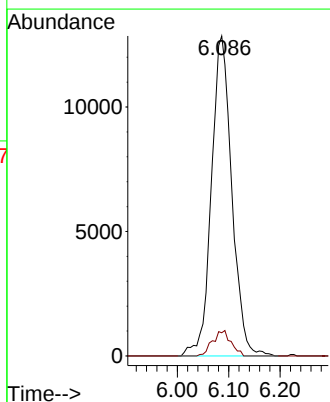
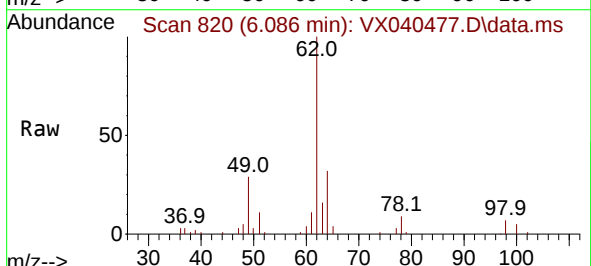
Manual Integrations
APPROVED

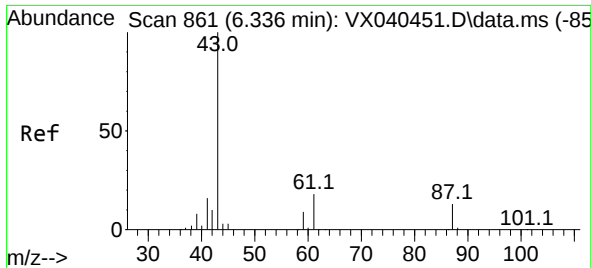
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#42
1,2-Dichloroethane
Concen: 21.174 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

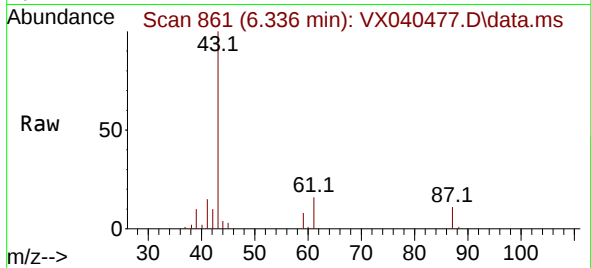
Tgt Ion: 62 Resp: 35529
Ion Ratio Lower Upper
62 100
98 7.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.228 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

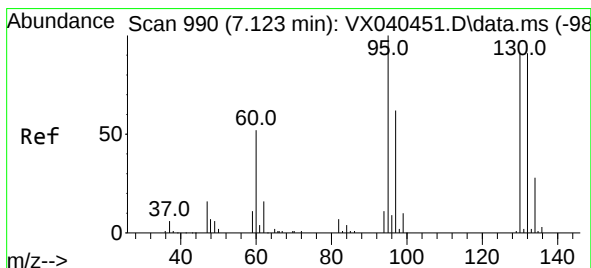
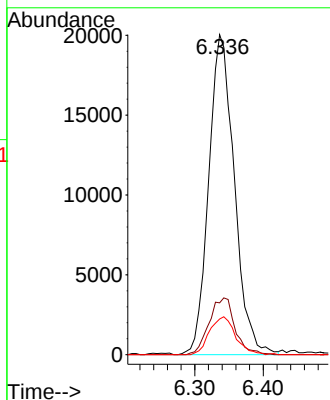
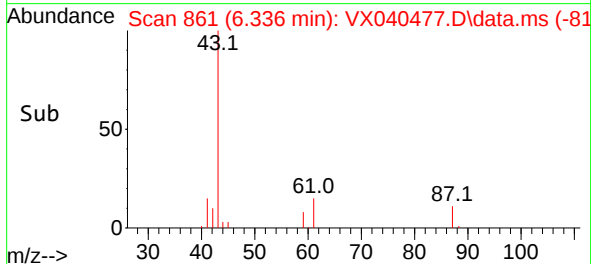
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 43 Resp: 52015
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 12.0 9.8 14.6

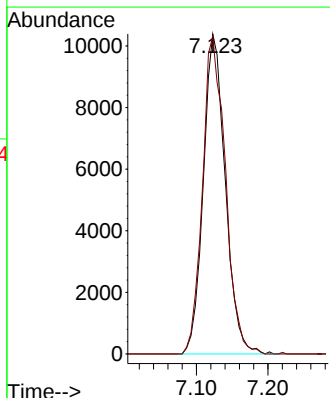
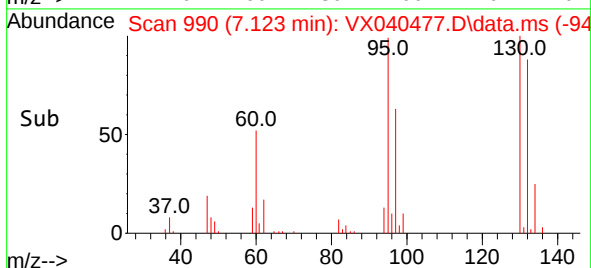
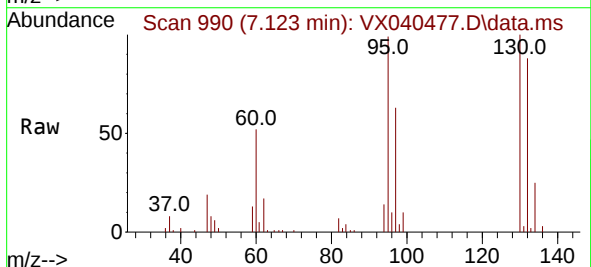
Manual Integrations
APPROVED

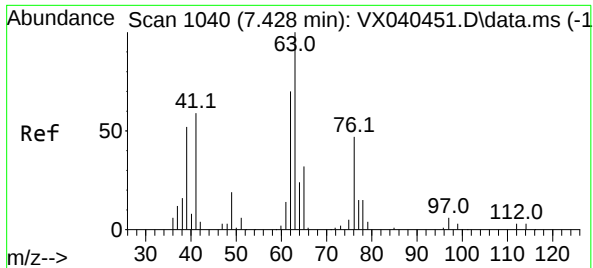
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#44
Trichloroethene
Concen: 20.327 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

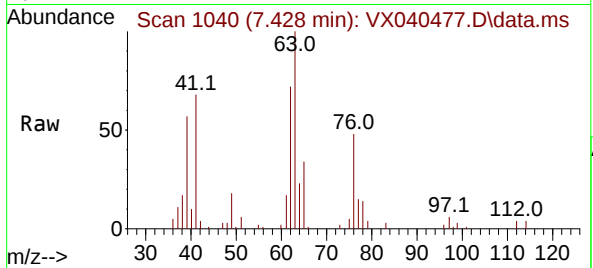
Tgt Ion:130 Resp: 22163
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 19.695 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

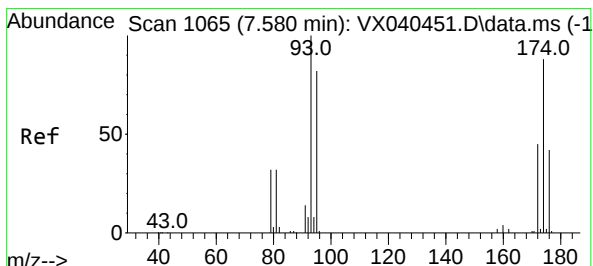
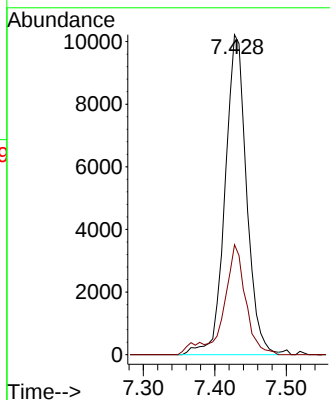
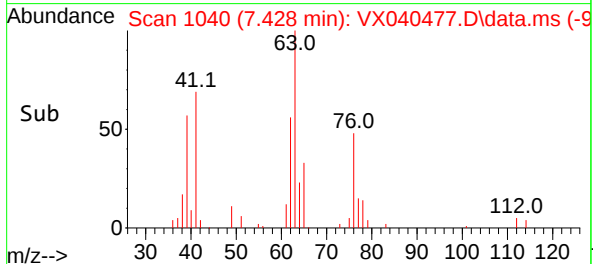
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 63 Resp: 21369
Ion Ratio Lower Upper
63 100
65 34.3 24.3 36.5

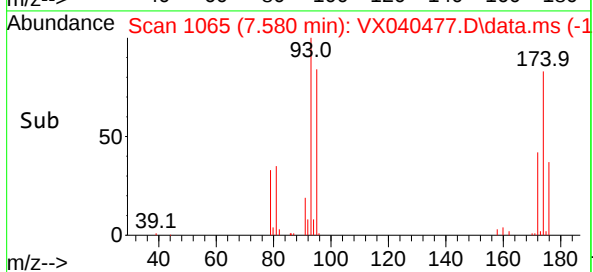
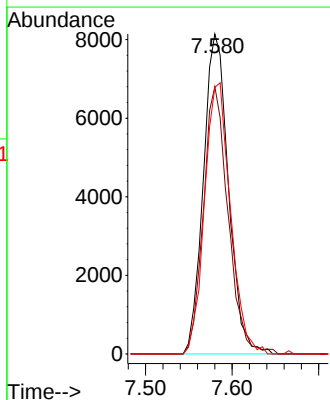
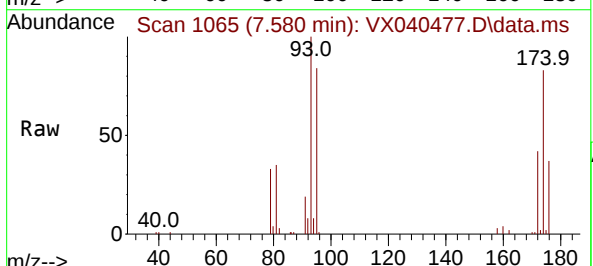
Manual Integrations
APPROVED

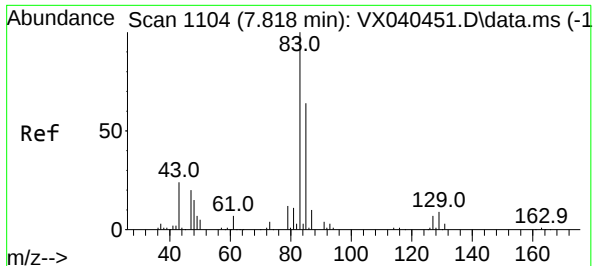
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#46
Dibromomethane
Concen: 20.530 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

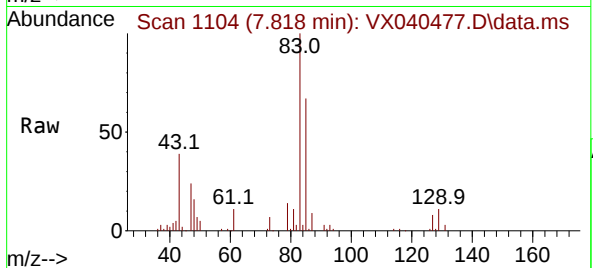
Tgt Ion: 93 Resp: 16377
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 87.5 69.4 104.0





#47
Bromodichloromethane
Concen: 19.556 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

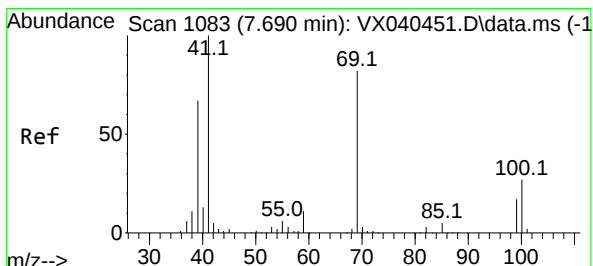
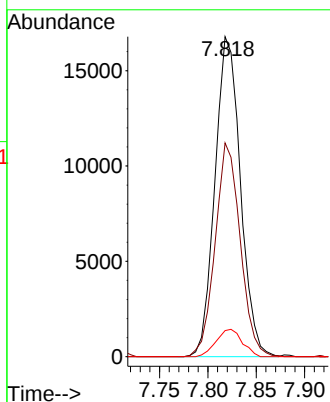
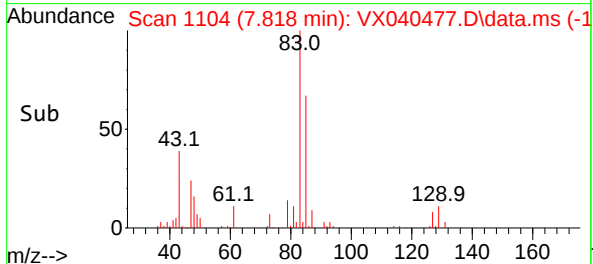
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



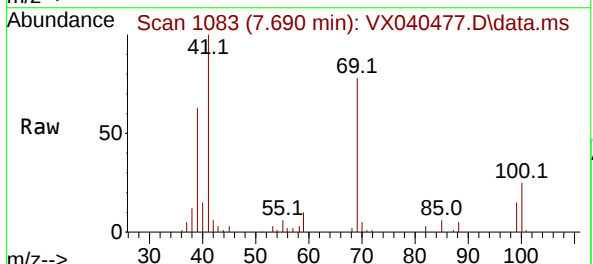
Tgt Ion: 83 Resp: 30710
Ion Ratio Lower Upper
83 100
85 66.8 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations
APPROVED

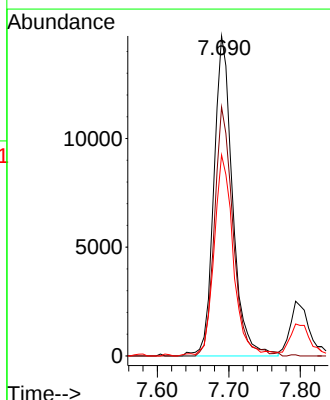
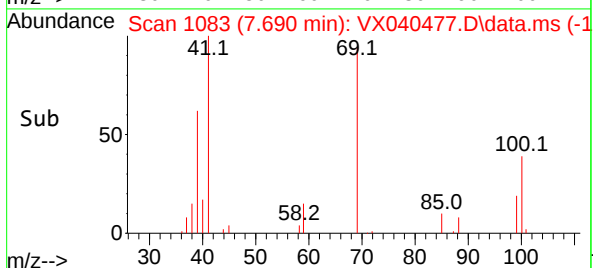
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

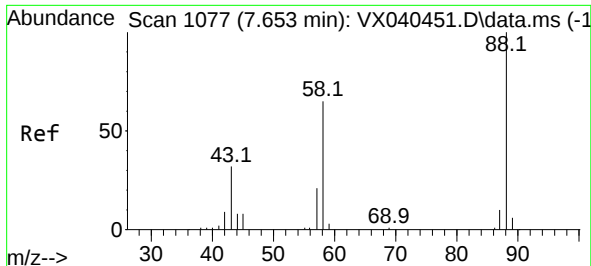


#48
Methyl methacrylate
Concen: 20.792 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



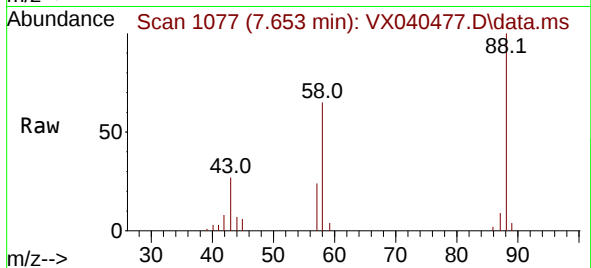
Tgt Ion: 41 Resp: 26723
Ion Ratio Lower Upper
41 100
69 77.3 59.2 88.8
39 64.7 47.7 71.5





#49
1,4-Dioxane
Concen: 449.754 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

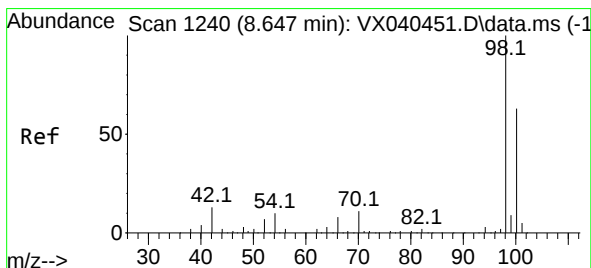
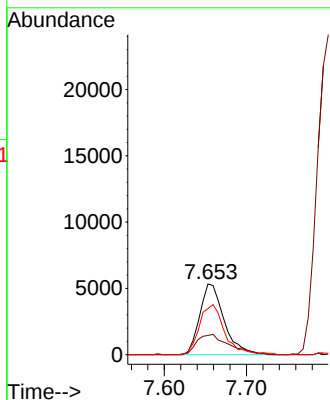
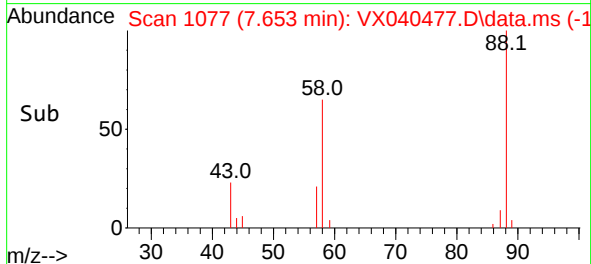
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 88 Resp: 10935
Ion Ratio Lower Upper
88 100
43 38.4 0.0 0.0
58 72.1 60.1 90.1

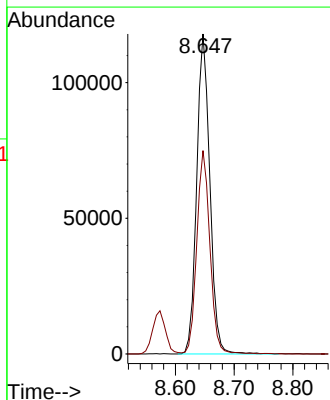
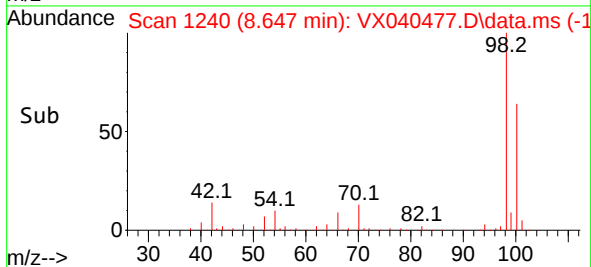
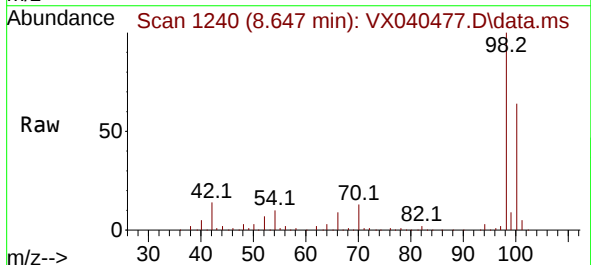
Manual Integrations
APPROVED

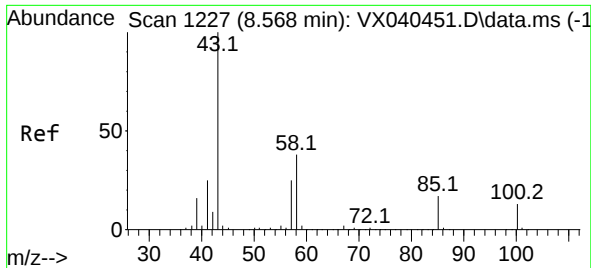
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#50
Toluene-d8
Concen: 51.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 98 Resp: 183175
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





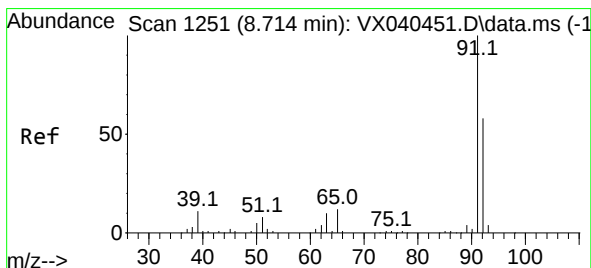
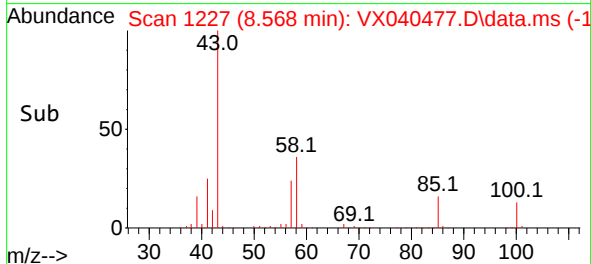
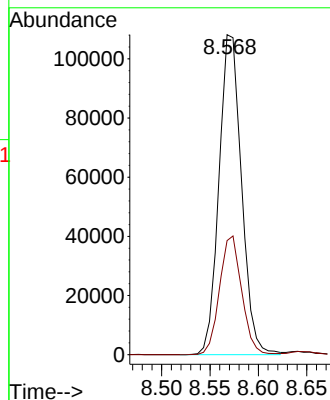
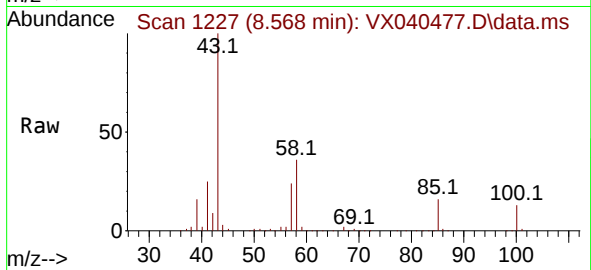
#51
4-Methyl-2-Pentanone
Concen: 102.875 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 43 Resp: 174904
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

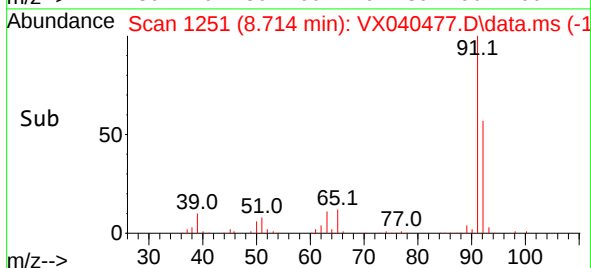
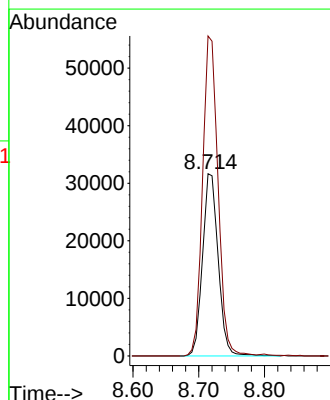
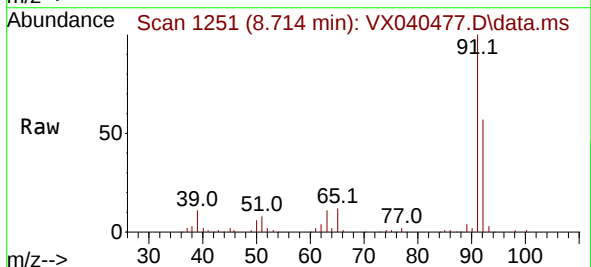
Manual Integrations
APPROVED

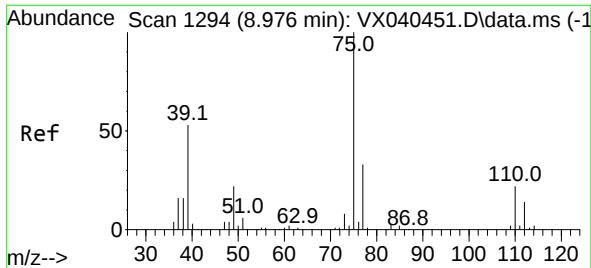
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#52
Toluene
Concen: 20.999 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 92 Resp: 52248
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





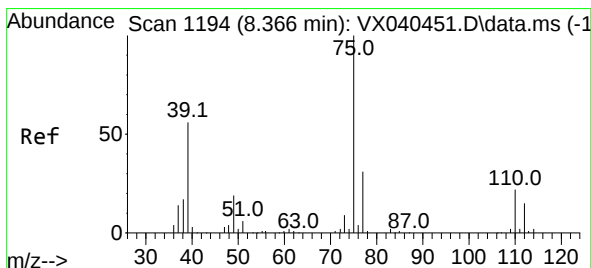
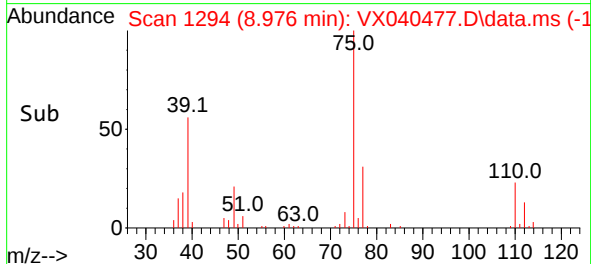
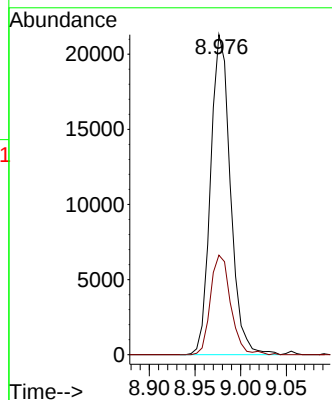
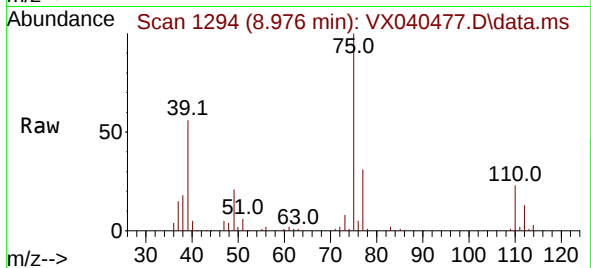
#53
 t-1,3-Dichloropropene
 Concen: 20.166 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VX040477.D
 Acq: 27 Feb 2024 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tgt Ion: 75 Resp: 3214
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5

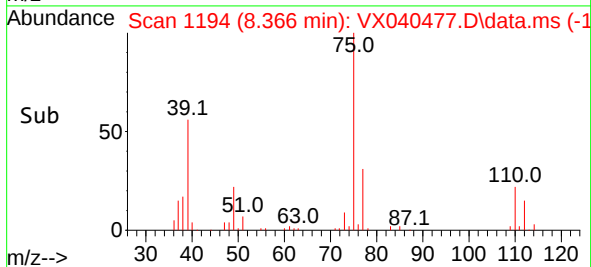
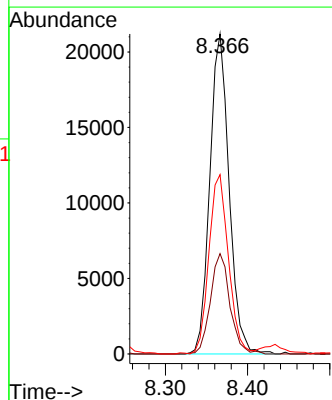
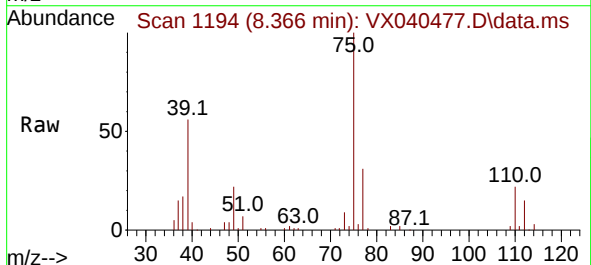
Manual Integrations
 APPROVED

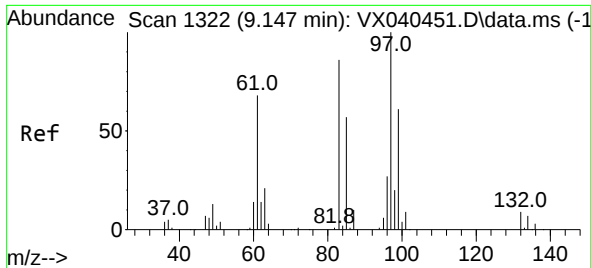
Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.146 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040477.D
 Acq: 27 Feb 2024 10:23

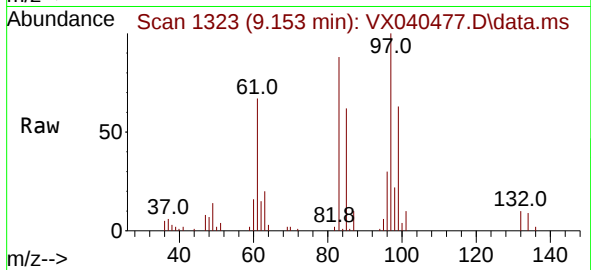
Tgt Ion: 75 Resp: 34517
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 55.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.878 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

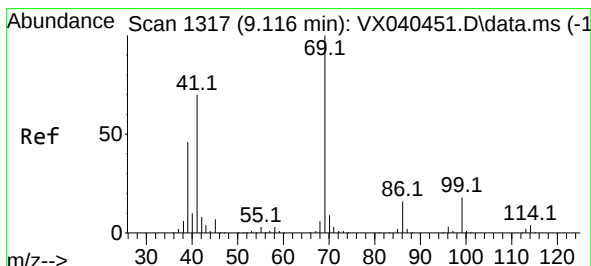
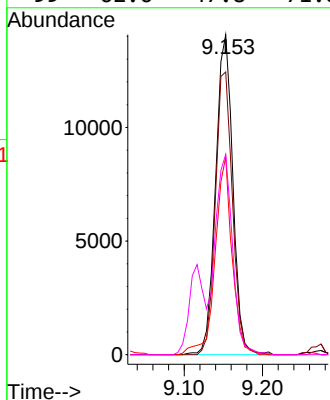
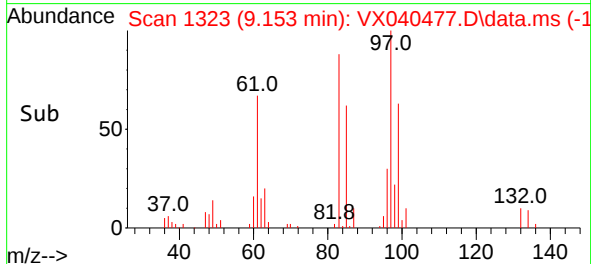


Tgt Ion: 97 Resp: 2155

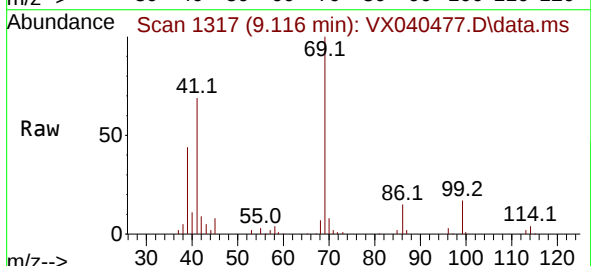
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	61.8	41.6	62.4
99	62.6	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

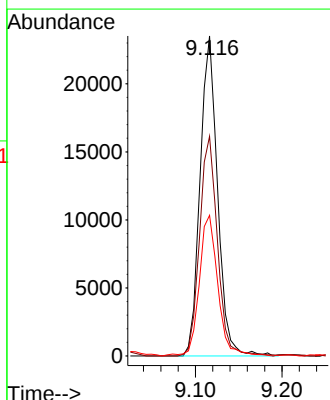
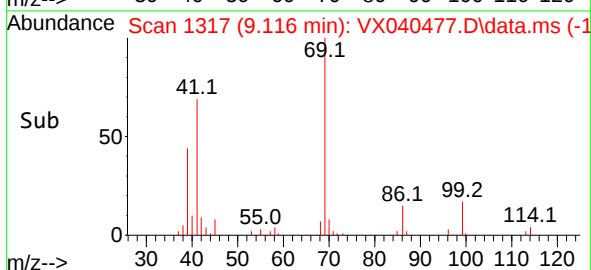


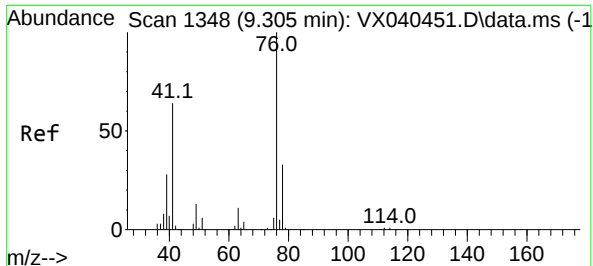
#56
Ethyl methacrylate
Concen: 20.661 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion: 69 Resp: 32985

Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.8	85.2
39	46.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.612 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 76 Resp: 37069

Ion Ratio Lower Upper

76 100

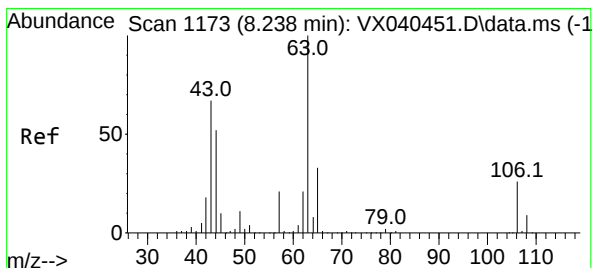
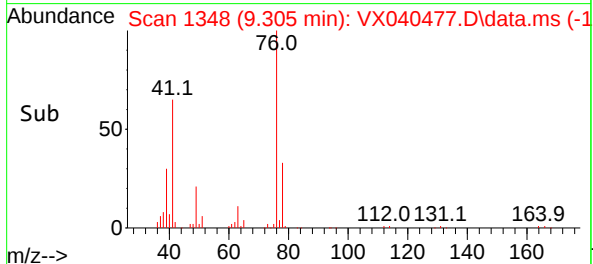
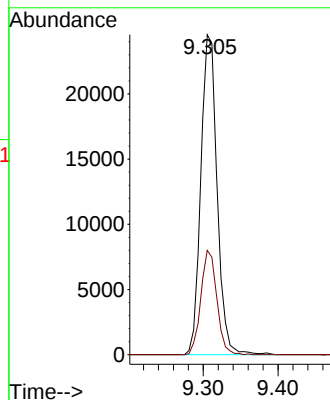
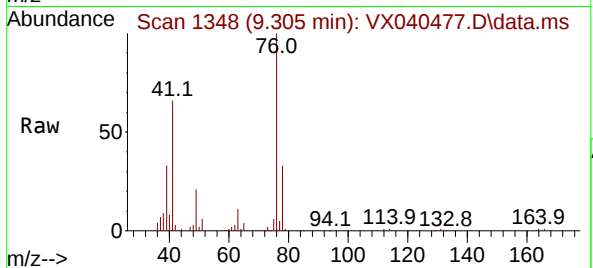
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.886 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040477.D

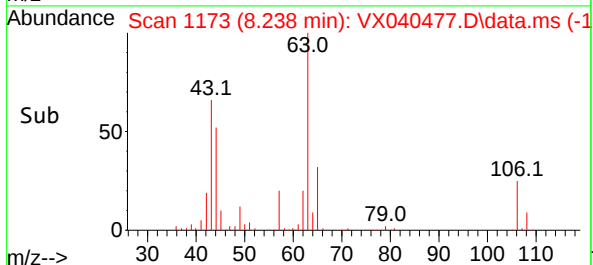
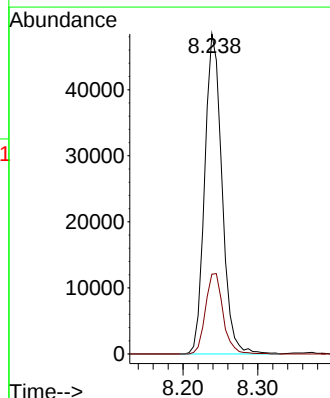
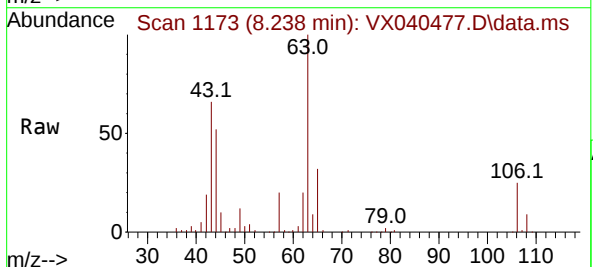
Acq: 27 Feb 2024 10:23

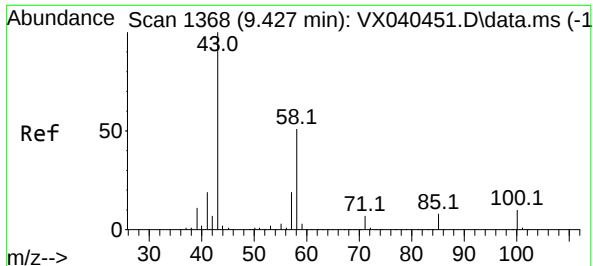
Tgt Ion: 63 Resp: 77752

Ion Ratio Lower Upper

63 100

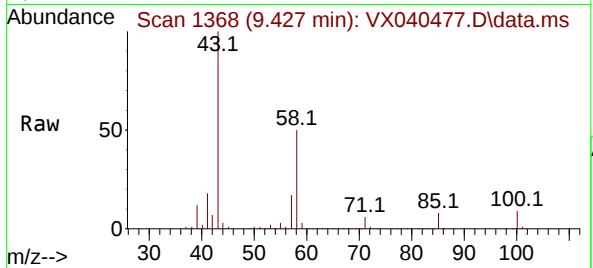
106 25.6 22.5 33.7





#59
2-Hexanone
Concen: 106.254 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

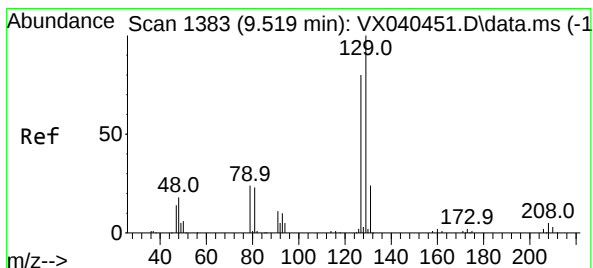
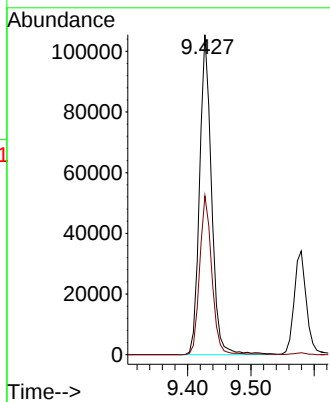
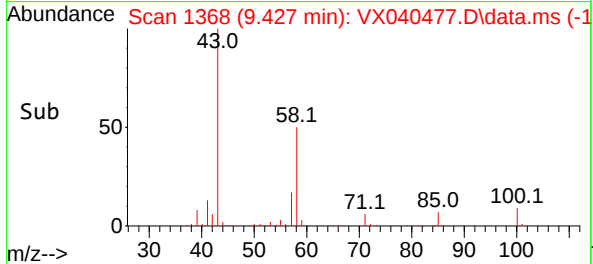
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 43 Resp: 138890
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5

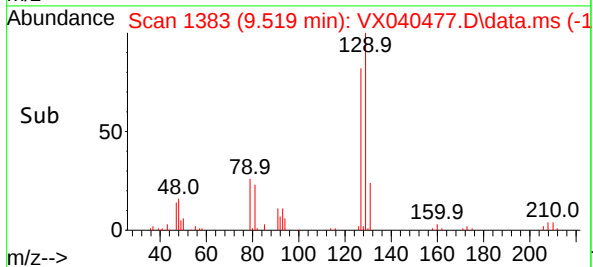
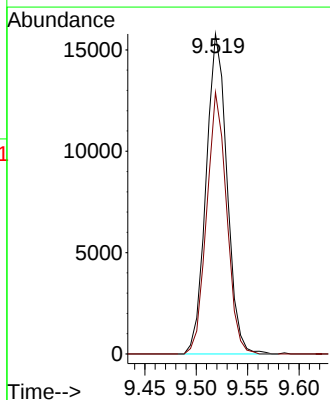
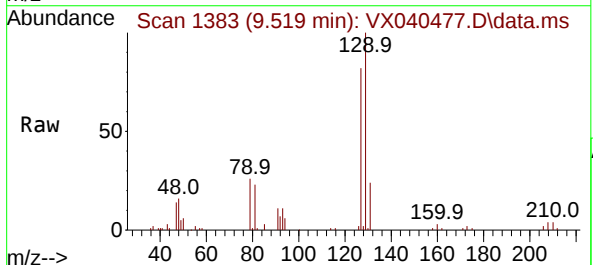
Manual Integrations
APPROVED

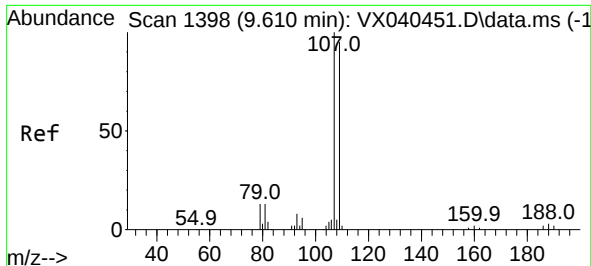
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#60
Dibromochloromethane
Concen: 19.880 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

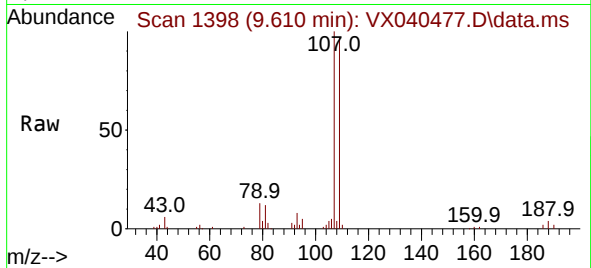
Tgt Ion:129 Resp: 22296
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.730 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

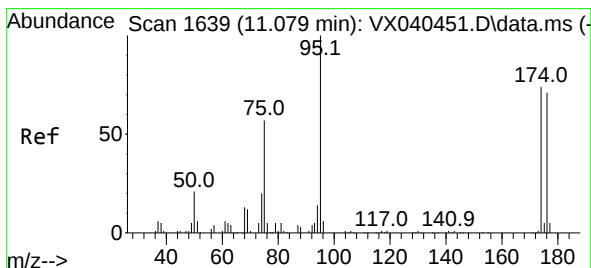
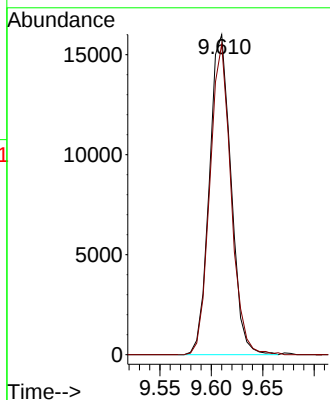
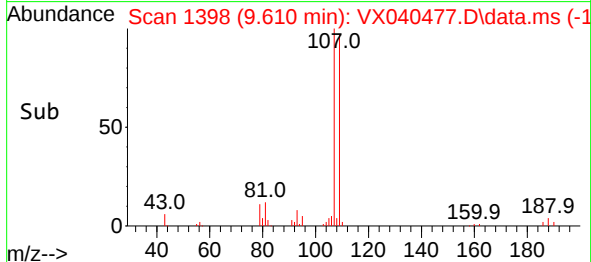
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



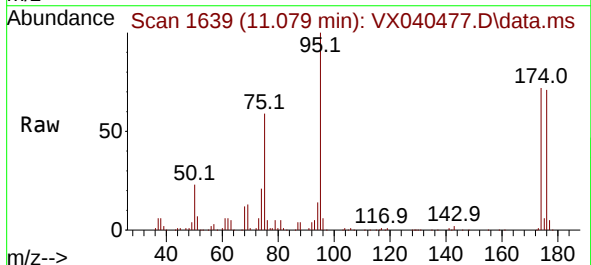
Tgt Ion:107 Resp: 2335
Ion Ratio Lower Upper
107 100
109 95.2 75.2 112.8

Manual Integrations
APPROVED

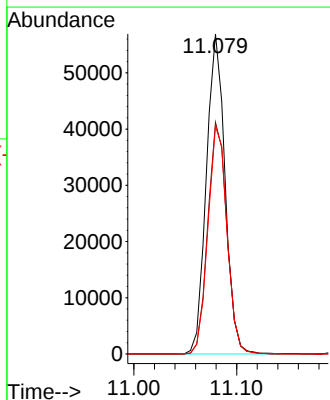
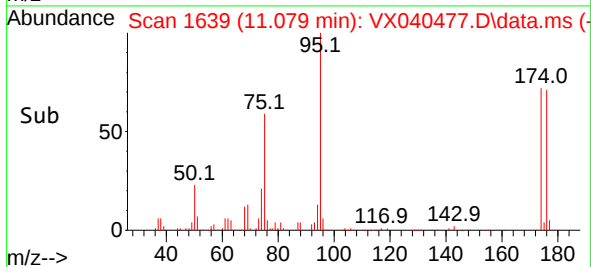
Reviewed By :John Carbone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

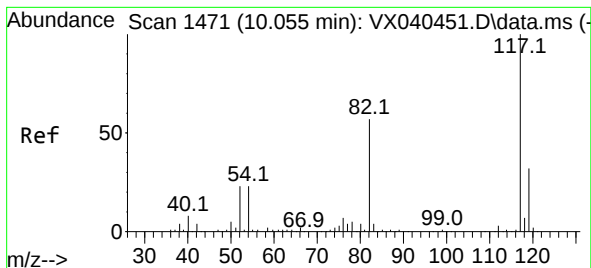


#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion: 95 Resp: 71802
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 72.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion:117 Resp: 134592

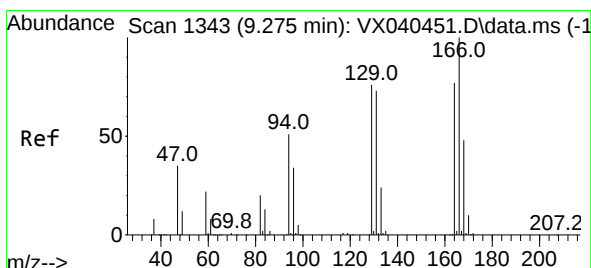
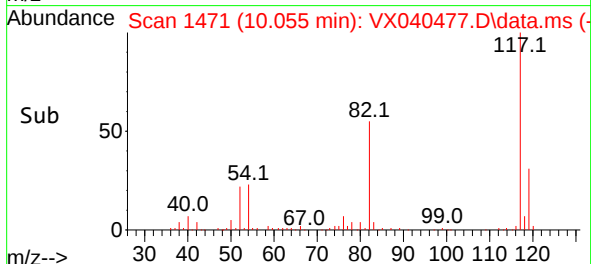
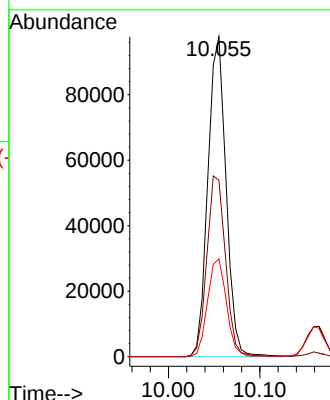
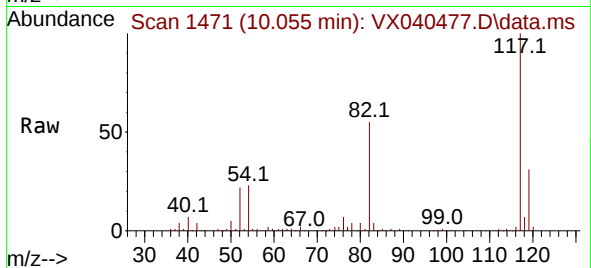
Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.2	69.4
119	30.5	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#64

Tetrachloroethene

Concen: 21.131 ug/l

RT: 9.275 min Scan# 1343

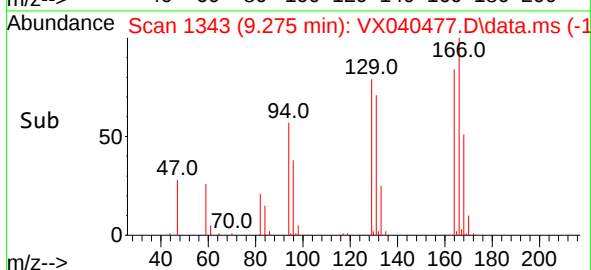
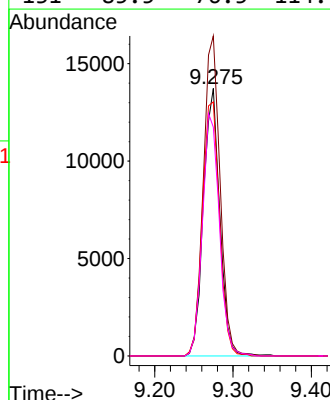
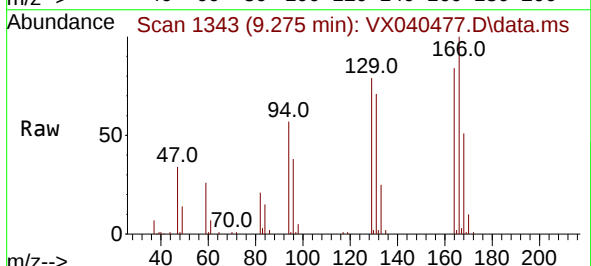
Delta R.T. 0.000 min

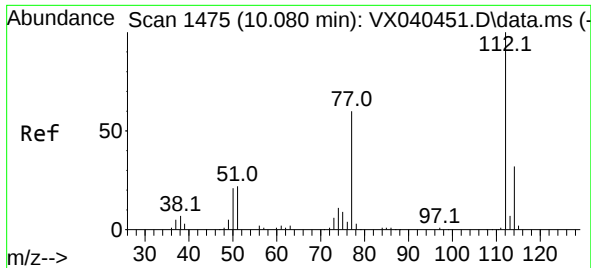
Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion:164 Resp: 19967

Ion	Ratio	Lower	Upper
164	100		
166	119.6	102.7	154.1
129	95.0	80.4	120.6
131	85.5	76.5	114.7





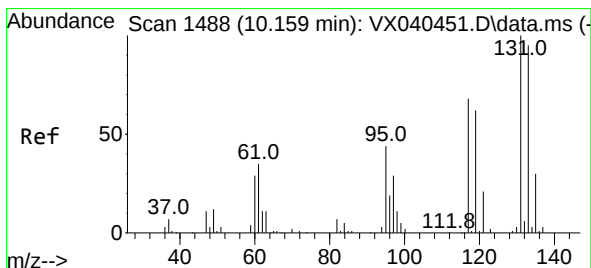
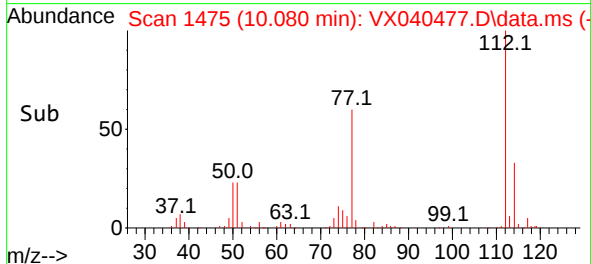
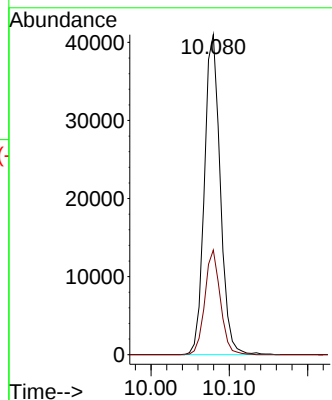
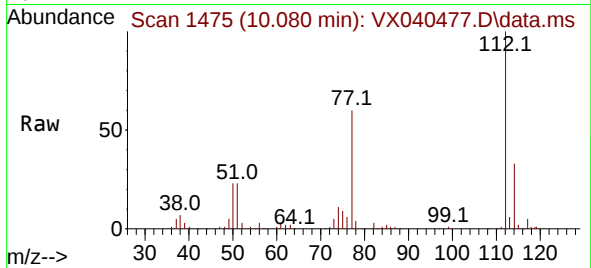
#65
Chlorobenzene
Concen: 20.112 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:112 Resp: 57578
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

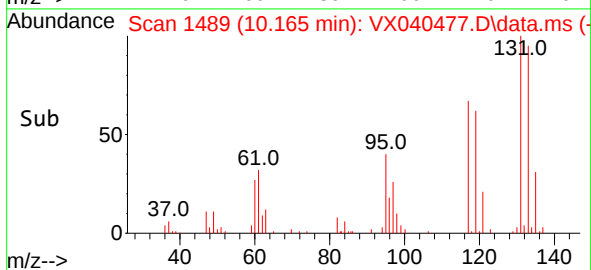
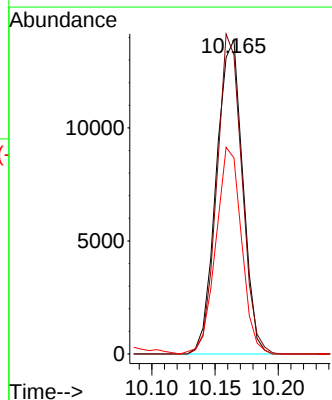
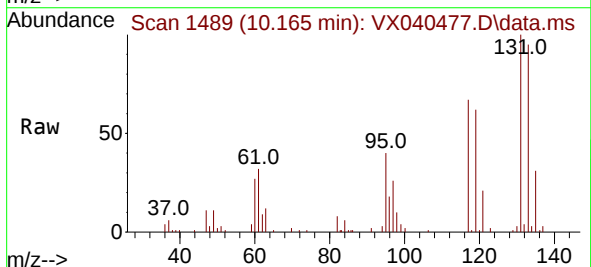
Manual Integrations
APPROVED

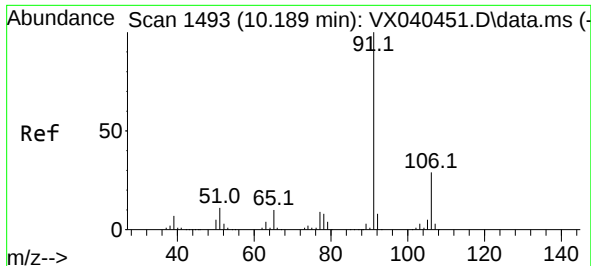
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.984 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion:131 Resp: 20162
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 64.0 32.2 96.6





#67

Ethyl Benzene

Concen: 19.993 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 91 Resp: 10477

Ion Ratio Lower Upper

91 100

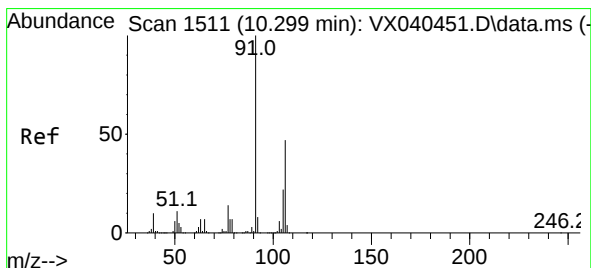
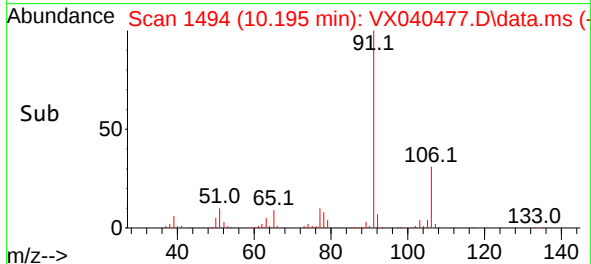
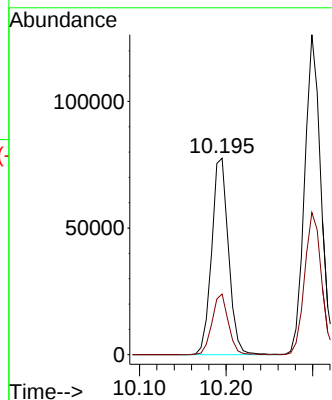
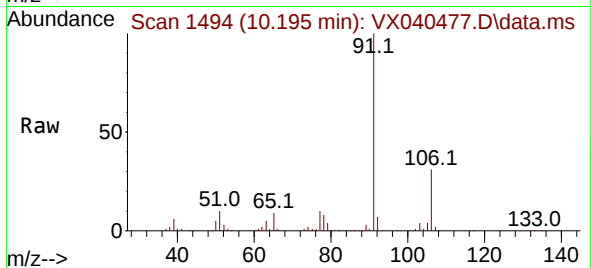
106 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#68

m/p-Xylenes

Concen: 39.077 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040477.D

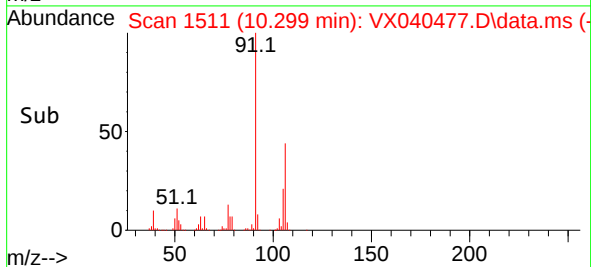
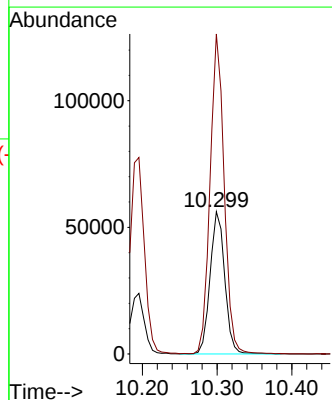
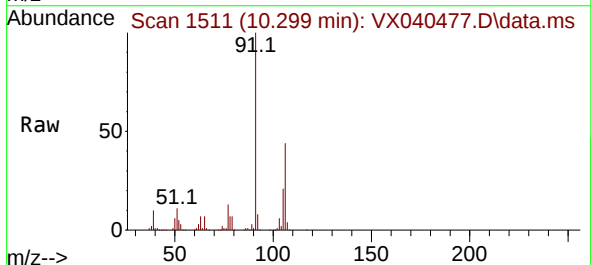
Acq: 27 Feb 2024 10:23

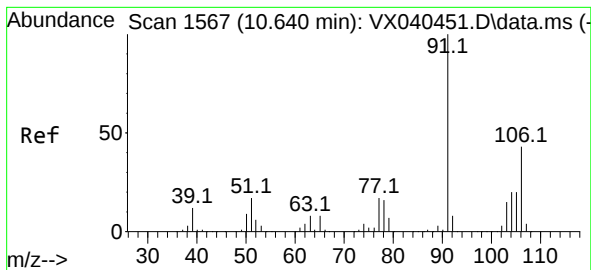
Tgt Ion:106 Resp: 76469

Ion Ratio Lower Upper

106 100

91 216.2 165.5 248.3





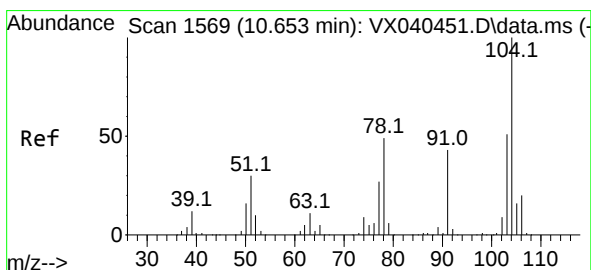
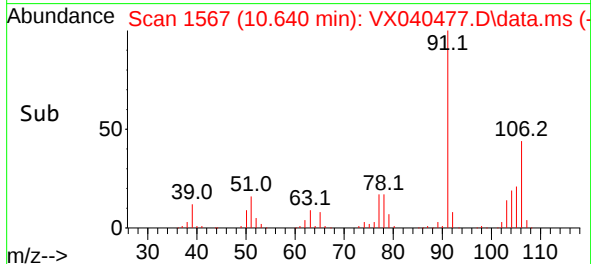
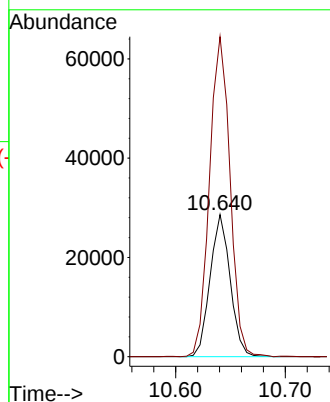
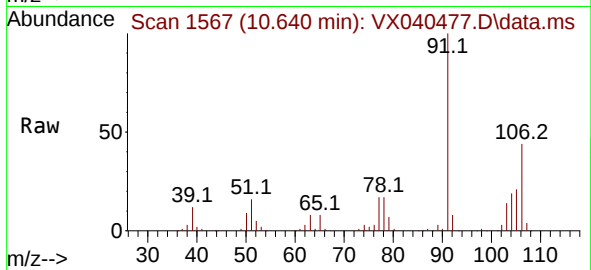
#69
o-Xylene
Concen: 19.468 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:106 Resp: 36430
Ion Ratio Lower Upper
106 100
91 231.2 108.9 326.8

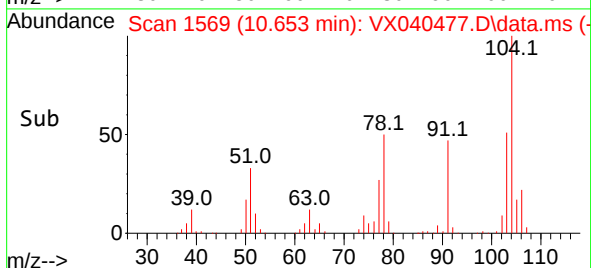
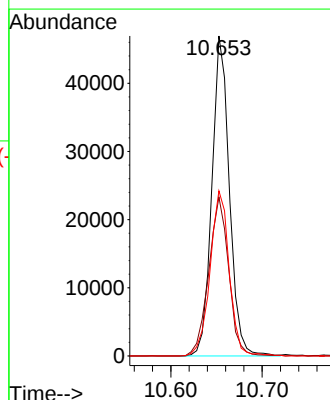
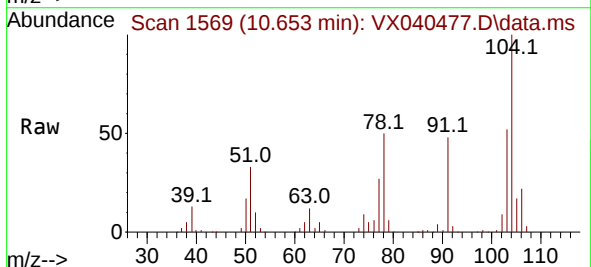
Manual Integrations
APPROVED

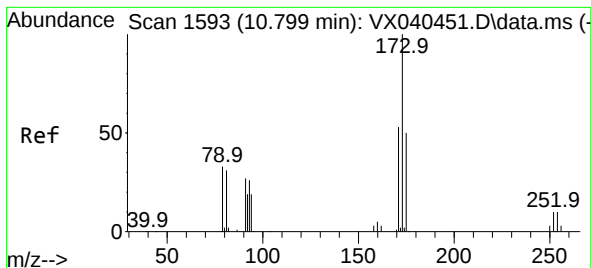
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#70
Styrene
Concen: 20.058 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion:104 Resp: 62584
Ion Ratio Lower Upper
104 100
78 56.6 43.6 65.4
103 56.4 43.6 65.4





#71

Bromoform

Concen: 18.726 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion:173 Resp: 1546

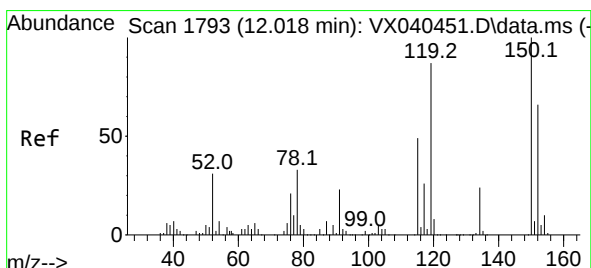
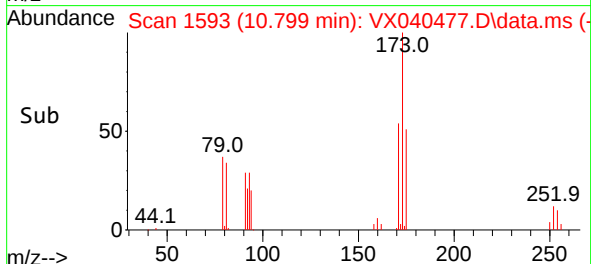
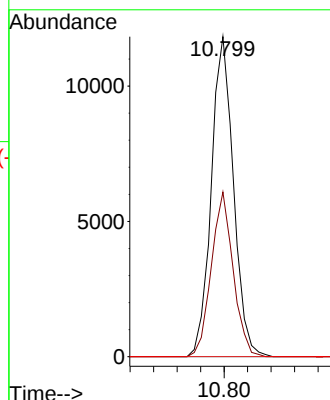
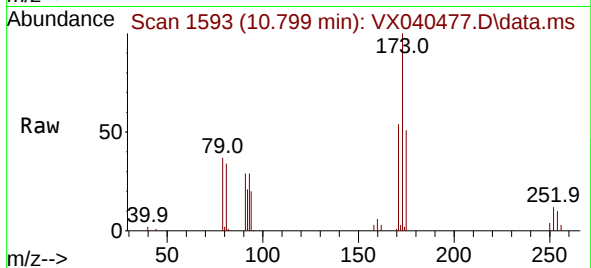
Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

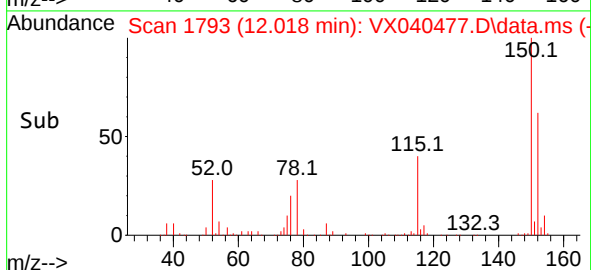
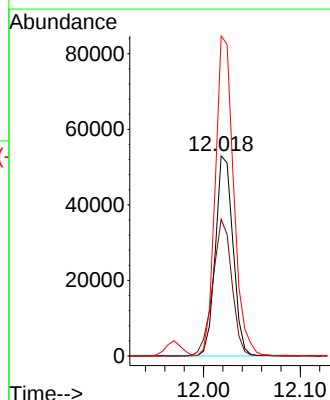
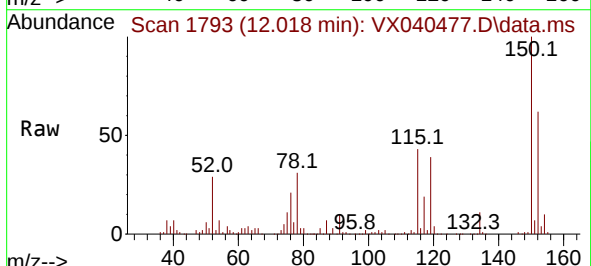
Delta R.T. 0.000 min

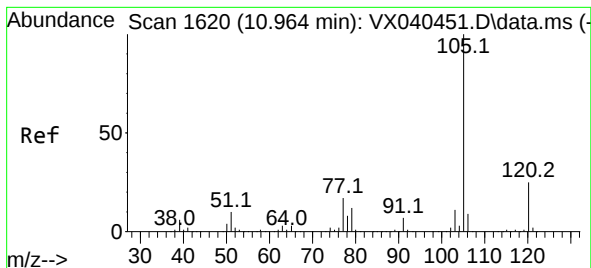
Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion:152 Resp: 66849

Ion	Ratio	Lower	Upper
152	100		
115	74.0	43.3	129.9
150	167.0	0.0	345.0





#73

Isopropylbenzene

Concen: 20.639 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion:105 Resp: 101609

Ion Ratio Lower Upper

105 100

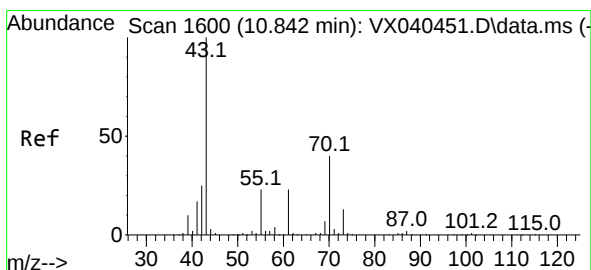
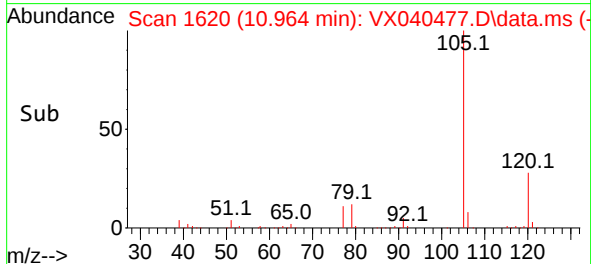
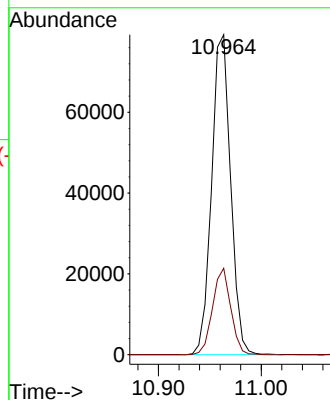
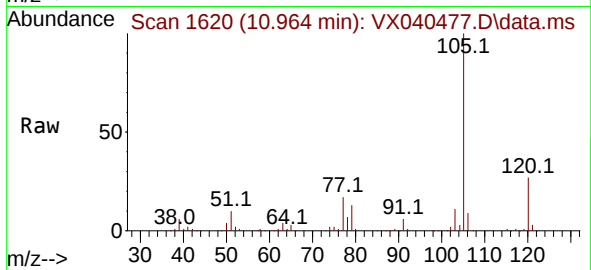
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#74

N-ethyl acetate

Concen: 19.961 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion: 43 Resp: 45642

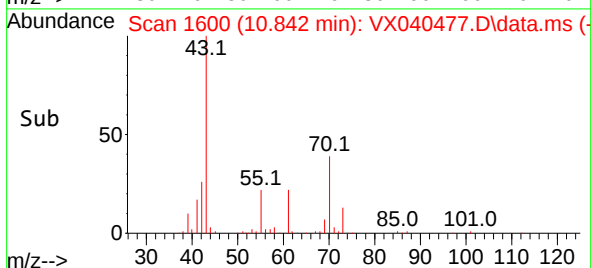
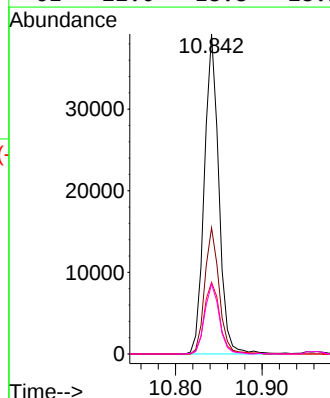
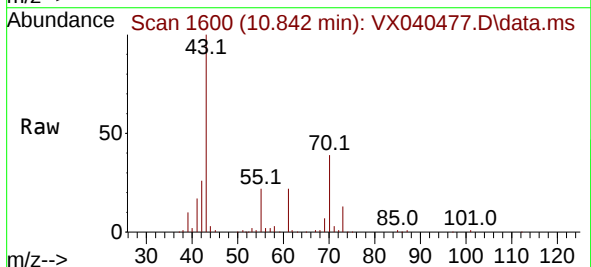
Ion Ratio Lower Upper

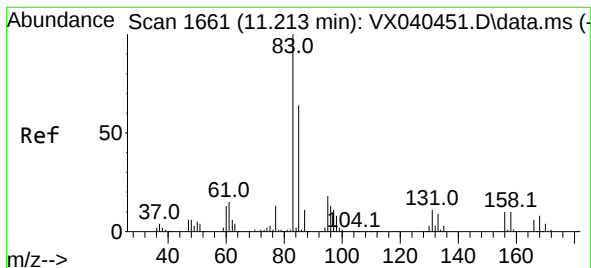
43 100

70 38.9 32.9 49.3

55 23.9 19.3 28.9

61 22.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.198 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 83 Resp: 3596

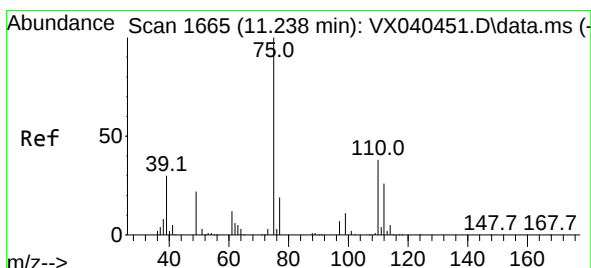
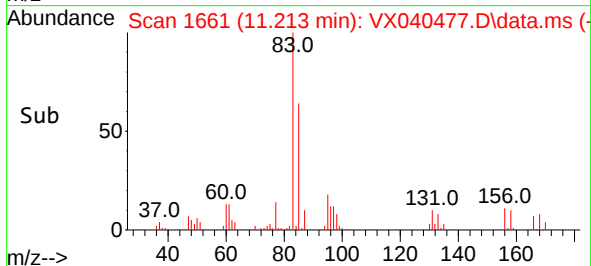
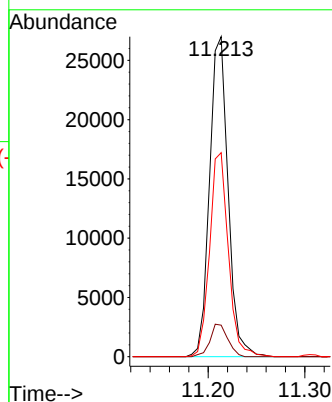
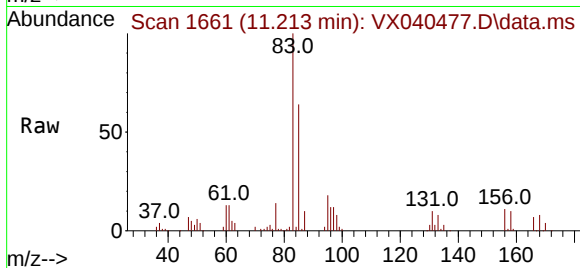
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.3	15.8
85	64.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#76

1,2,3-Trichloropropane

Concen: 20.530 ug/l m

RT: 11.238 min Scan# 1665

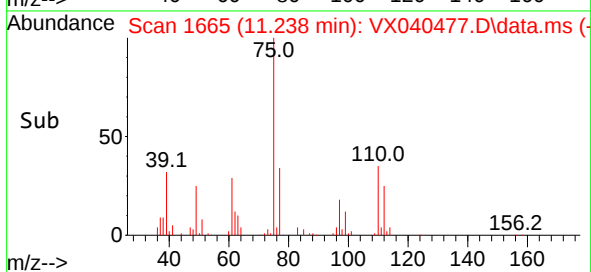
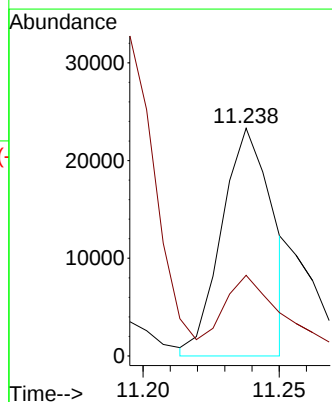
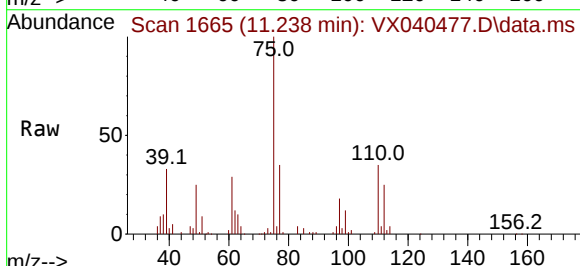
Delta R.T. 0.000 min

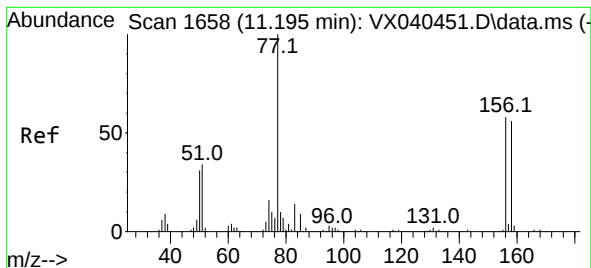
Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion: 75 Resp: 30204

Ion	Ratio	Lower	Upper
75	100		
77	43.7	19.1	57.5





#77

Bromobenzene

Concen: 20.336 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

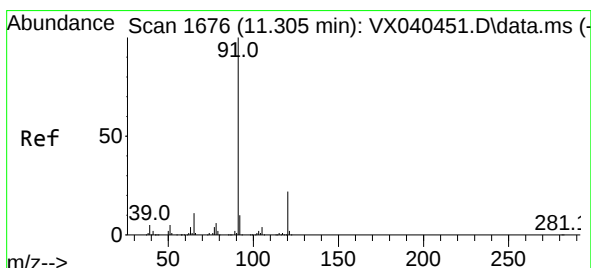
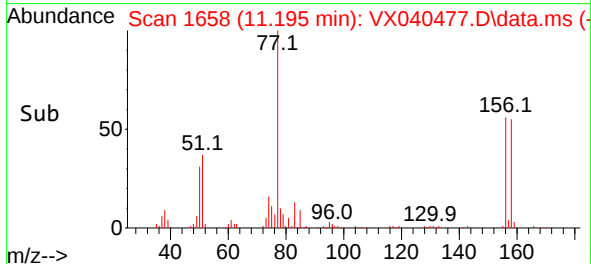
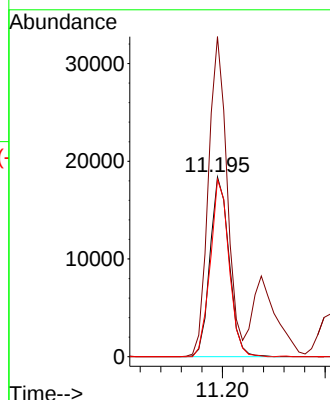
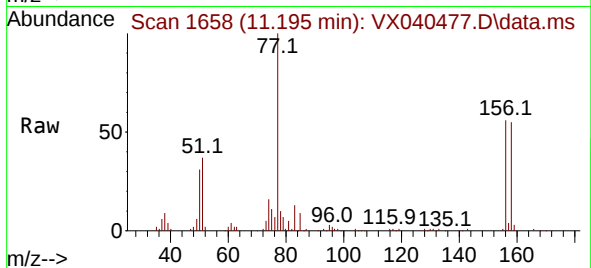
Tgt Ion:	156	Resp:	2367
Ion Ratio	Lower	Upper	
156	100		
77	174.6	88.4	265.3
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#78

n-propylbenzene

Concen: 20.577 ug/l

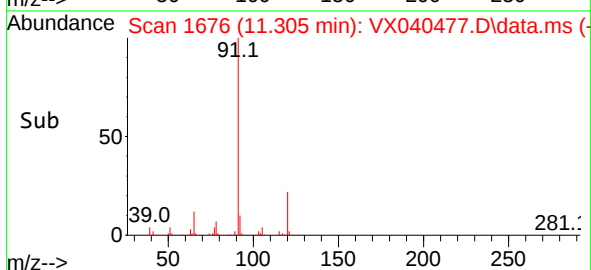
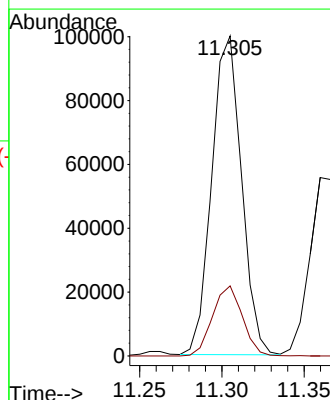
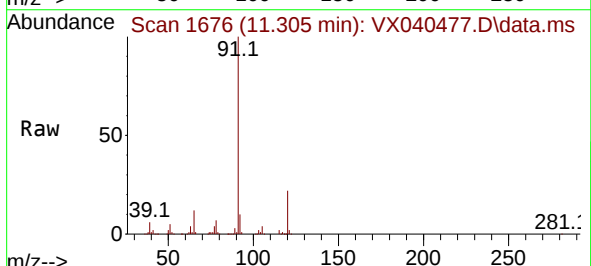
RT: 11.305 min Scan# 1676

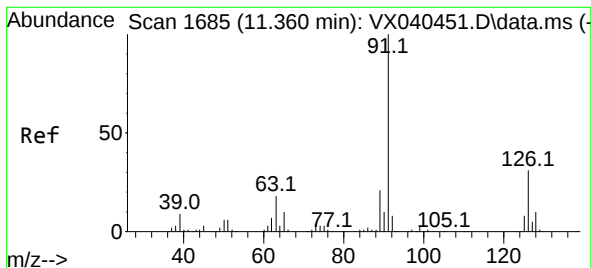
Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion:	91	Resp:	125655
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





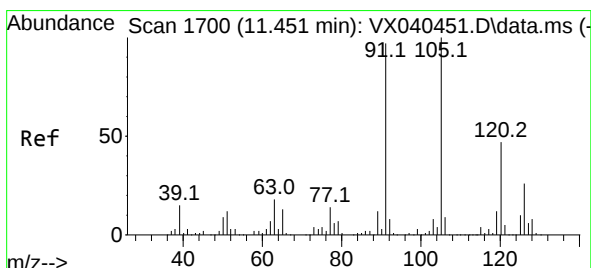
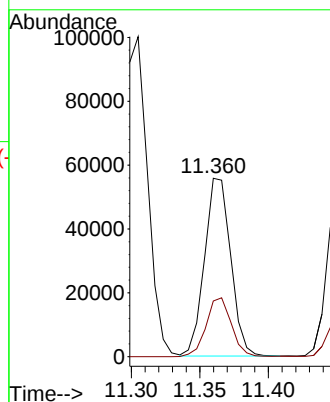
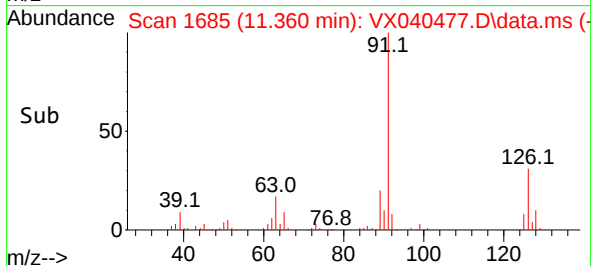
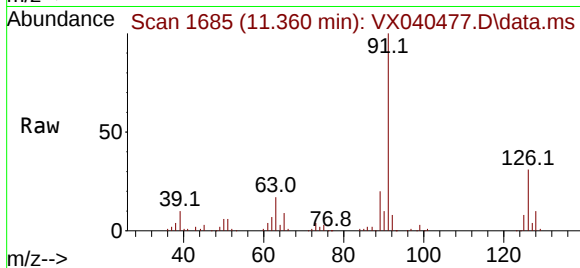
#79
2-Chlorotoluene
Concen: 20.122 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 91 Resp: 7397
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

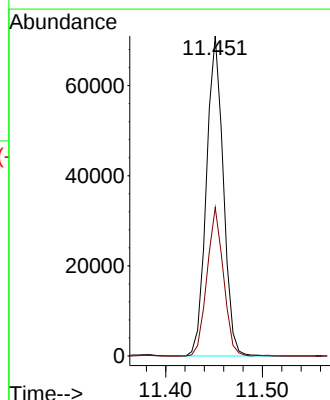
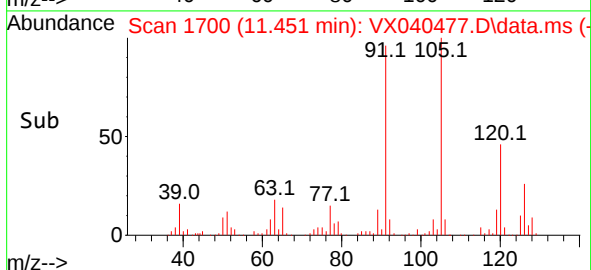
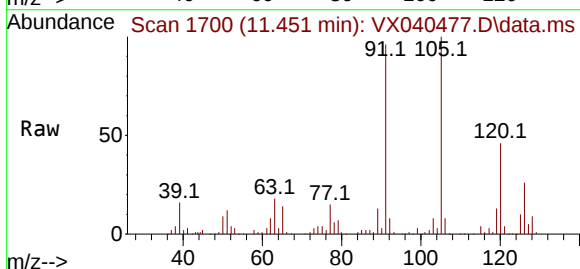
Manual Integrations
APPROVED

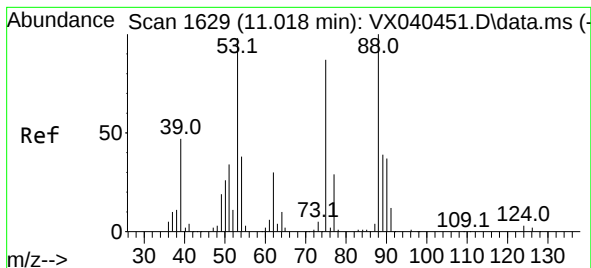
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.536 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

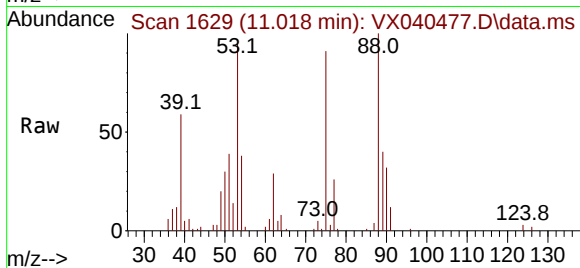
Tgt Ion:105 Resp: 85981
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.094 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

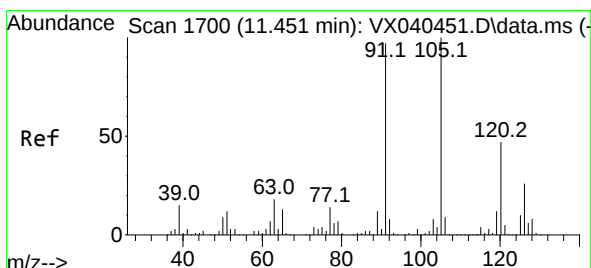
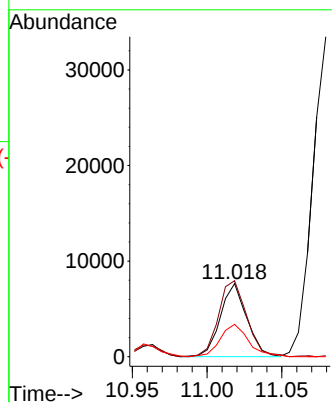
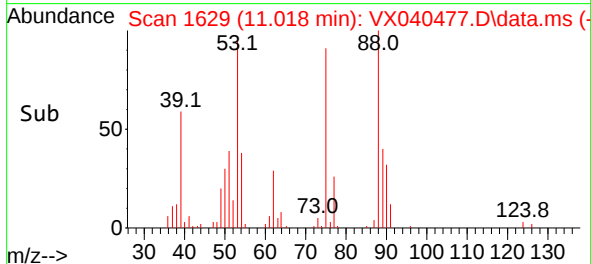
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 75 Resp: 9398
Ion Ratio Lower Upper
75 100
53 110.9 90.5 135.7
89 47.0 36.9 55.3

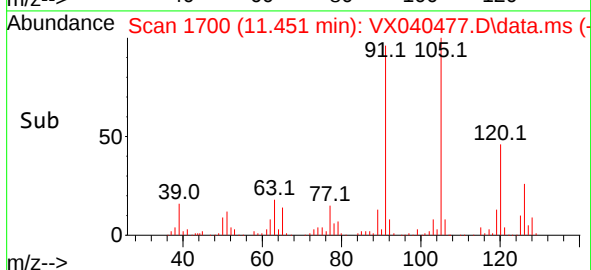
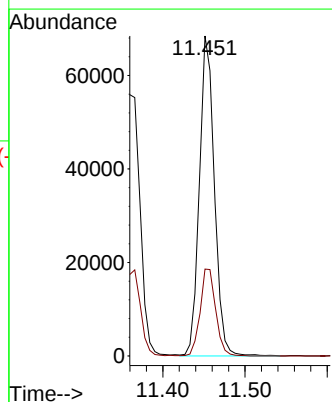
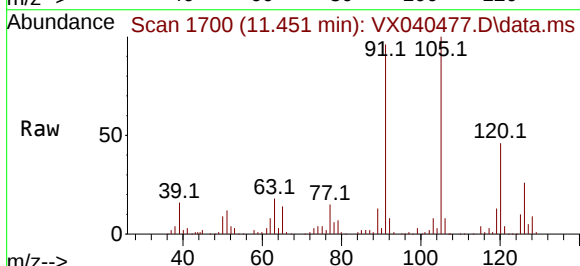
Manual Integrations
APPROVED

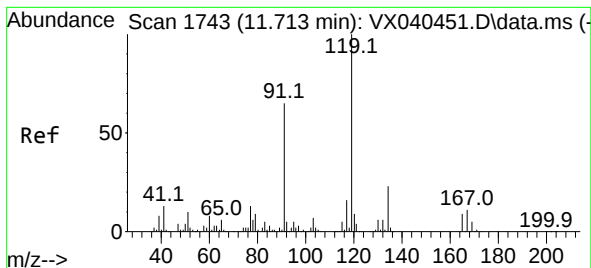
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#82
4-Chlorotoluene
Concen: 20.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

Tgt Ion: 91 Resp: 86933
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.740 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion:119 Resp: 8186

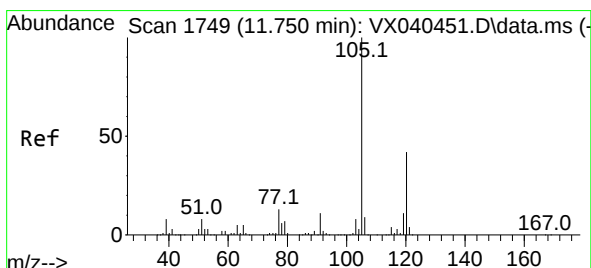
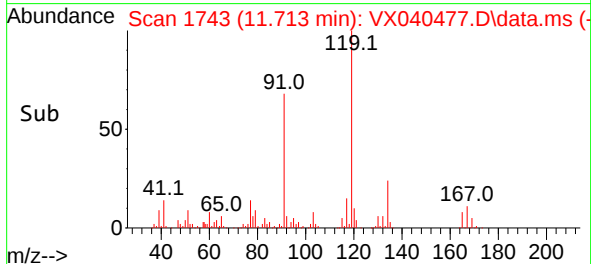
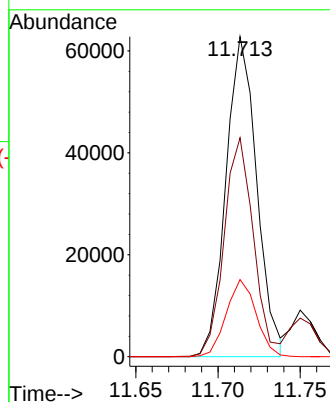
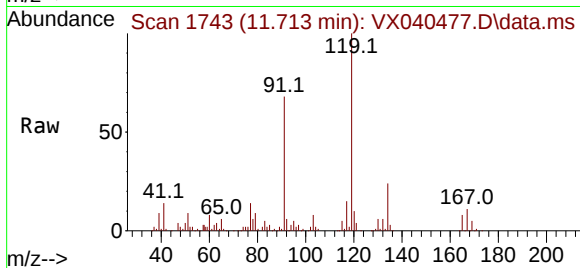
Ion	Ratio	Lower	Upper
119	100		
91	65.3	31.2	93.6
134	23.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.544 ug/l

RT: 11.750 min Scan# 1749

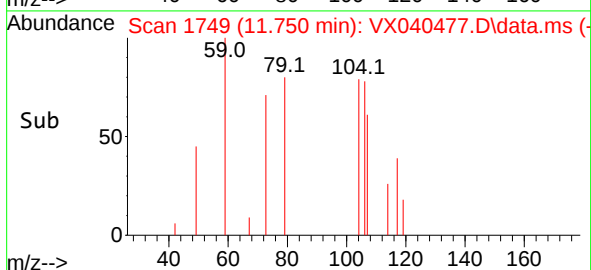
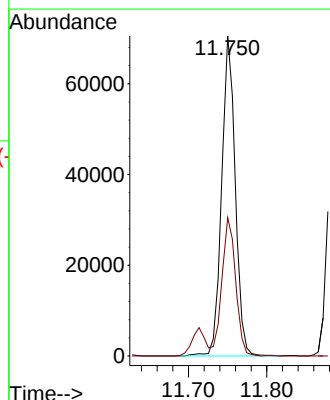
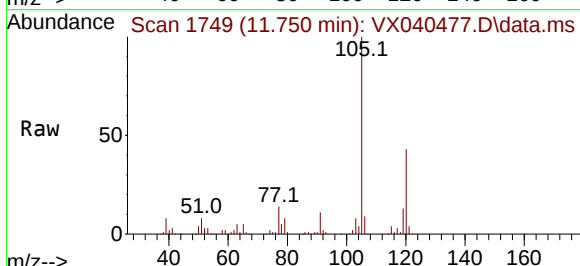
Delta R.T. 0.000 min

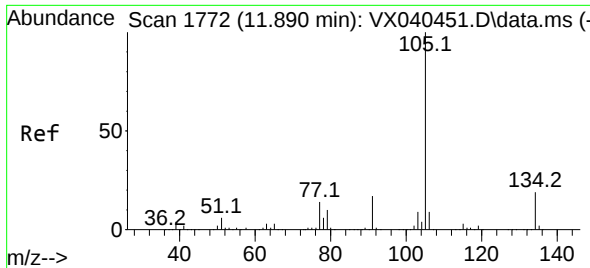
Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Tgt Ion:105 Resp: 85345

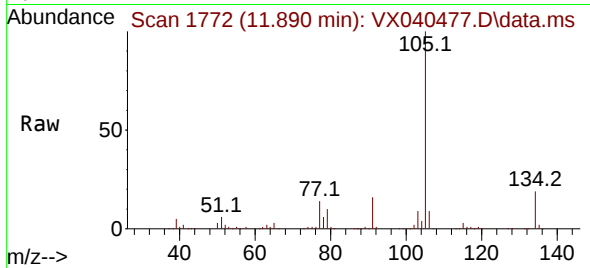
Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.2	63.6





#85
sec-Butylbenzene
Concen: 20.973 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

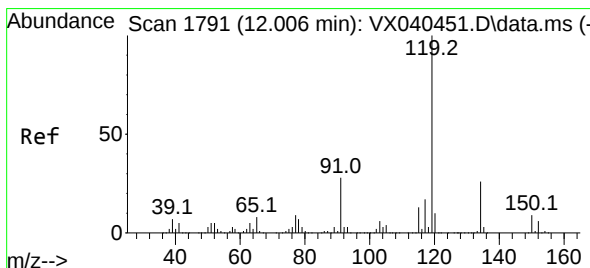
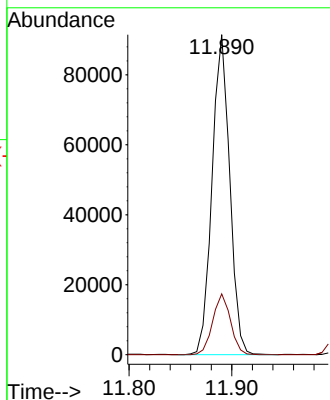
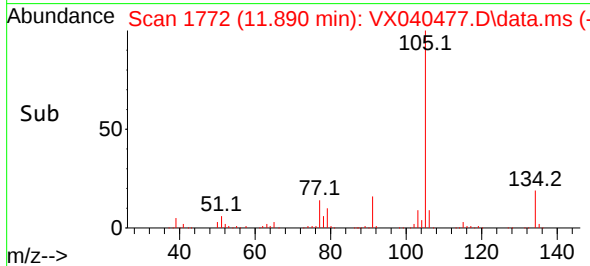
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



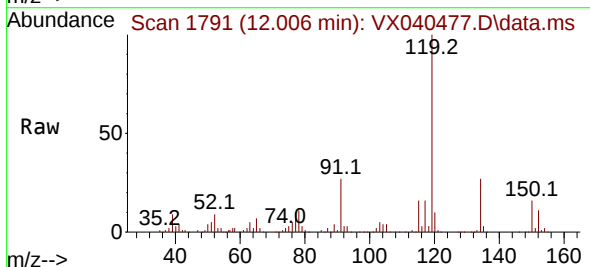
Tgt Ion:105 Resp: 108762
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.4

Manual Integrations
APPROVED

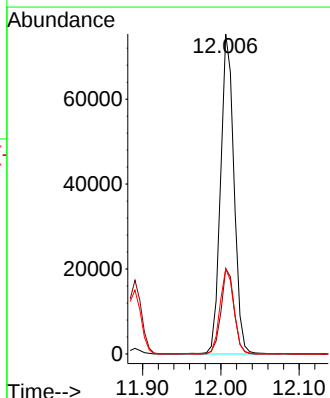
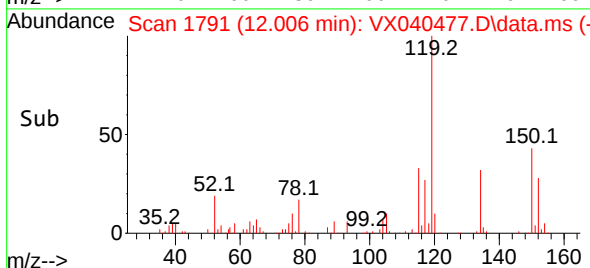
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

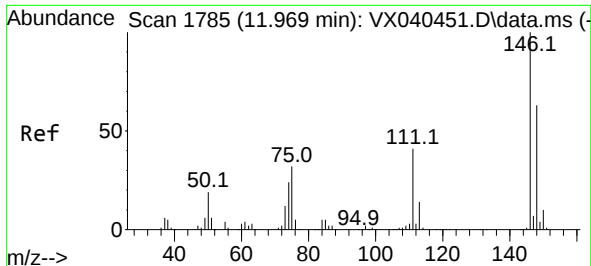


#86
p-Isopropyltoluene
Concen: 21.015 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



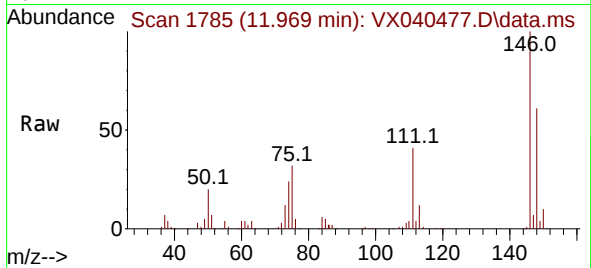
Tgt Ion:119 Resp: 89830
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 27.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 20.188 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

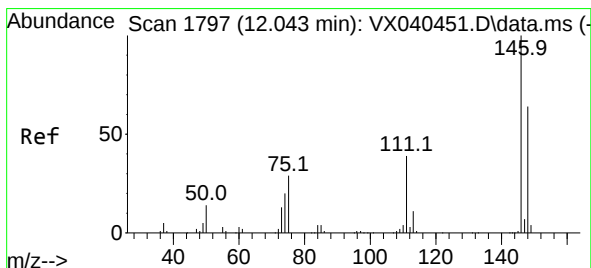
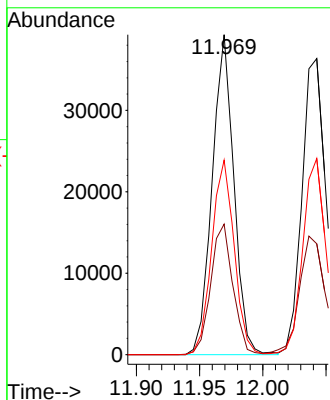
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



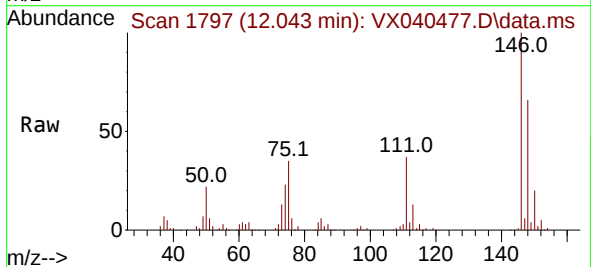
Tgt Ion:146 Resp: 4684
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 62.9 31.8 95.3

Manual Integrations
APPROVED

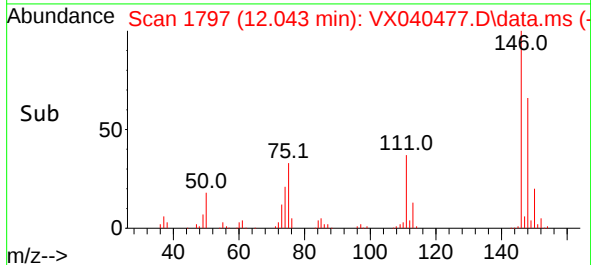
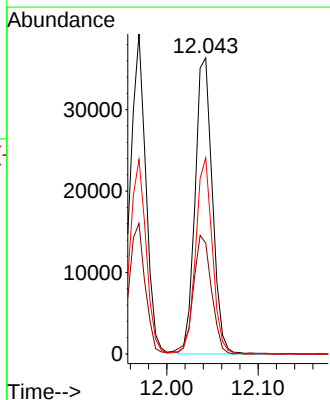
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

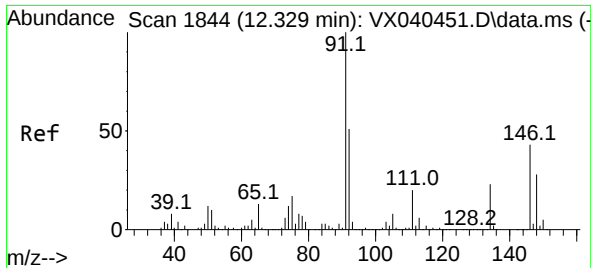


#88
1,4-Dichlorobenzene
Concen: 20.247 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion:146 Resp: 47825
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.7
148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 20.569 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

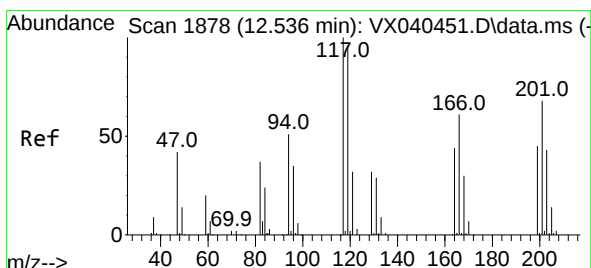
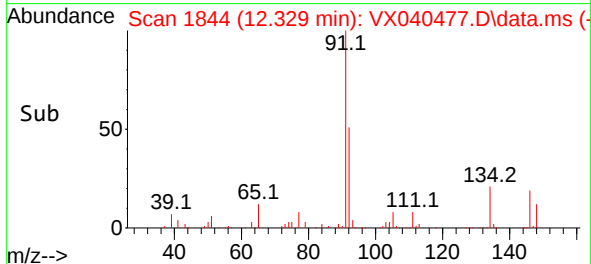
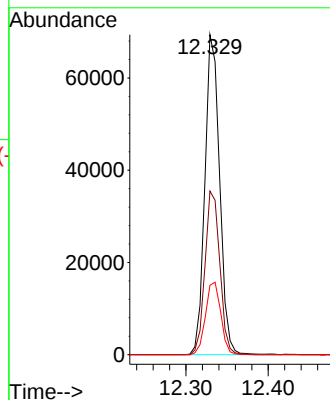
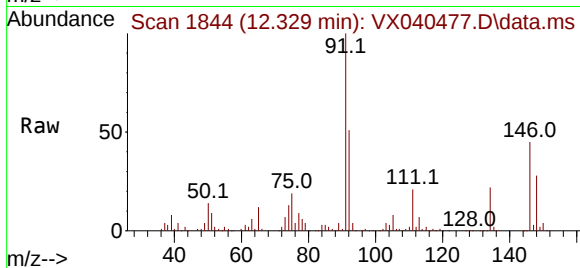
Tgt Ion: 91 Resp: 8650
 Ion Ratio Lower Upper
 91 100
 92 51.3 27.4 82.0
 134 23.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#90

Hexachloroethane

Concen: 20.064 ug/l

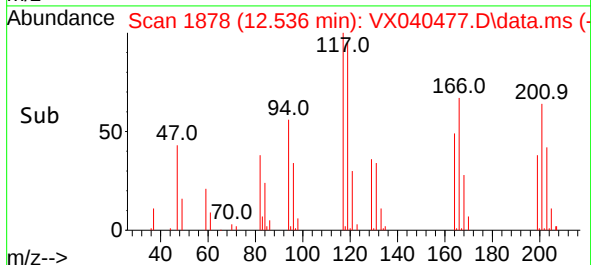
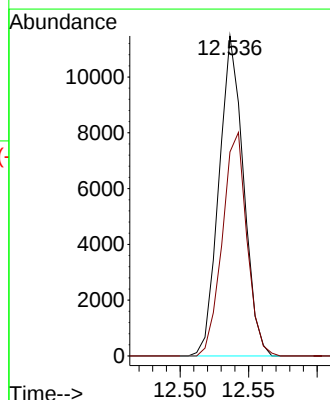
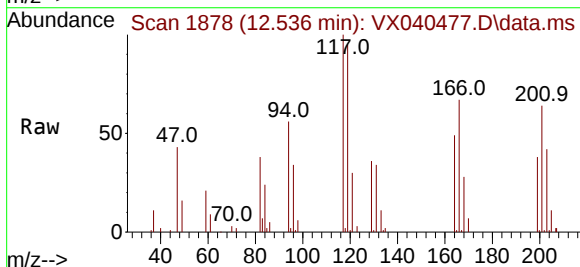
RT: 12.536 min Scan# 1878

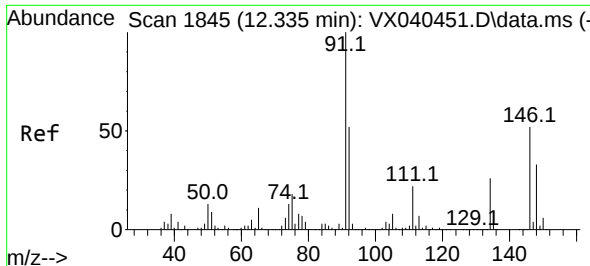
Delta R.T. 0.000 min

Lab File: VX040477.D

Acq: 27 Feb 2024 10:23

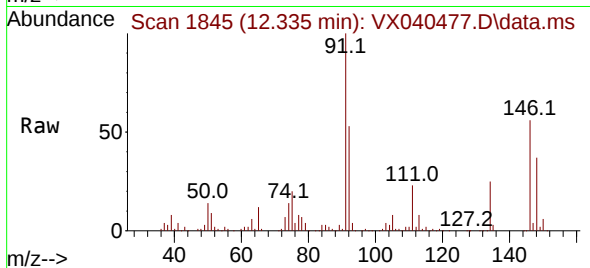
Tgt Ion:117 Resp: 14274
 Ion Ratio Lower Upper
 117 100
 201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.493 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

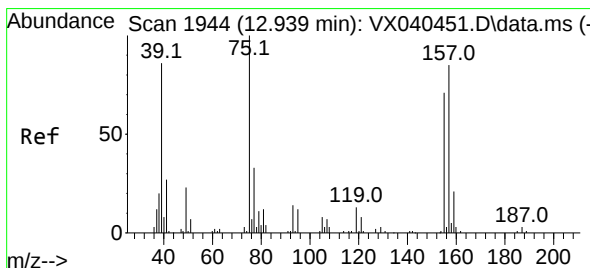
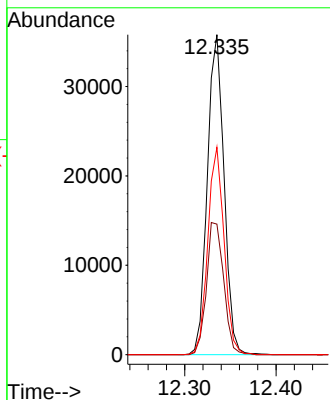
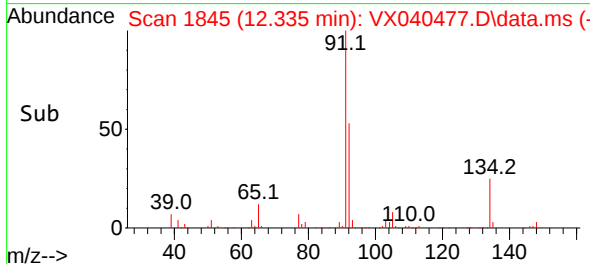
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:146 Resp: 45314
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 63.0 31.6 95.0

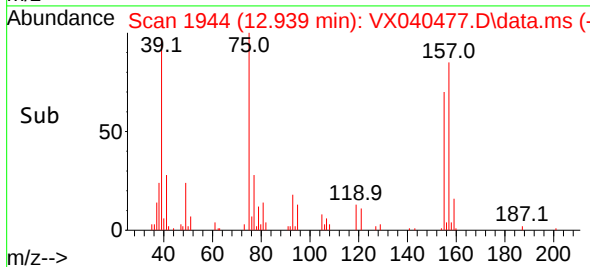
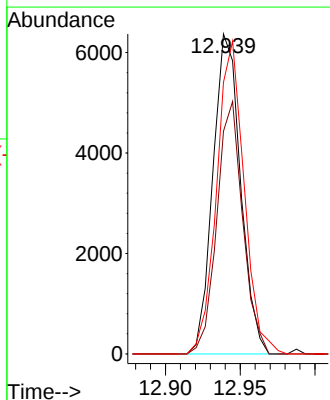
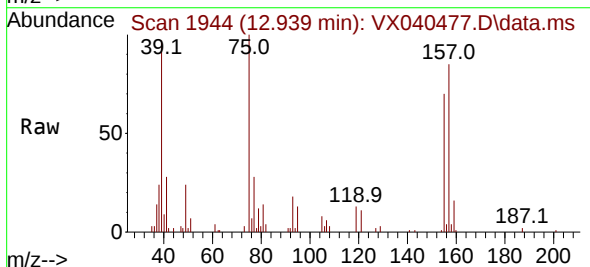
Manual Integrations
APPROVED

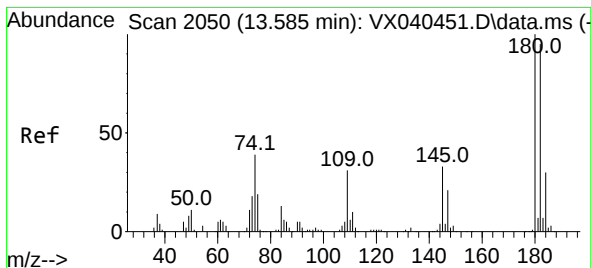
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.661 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

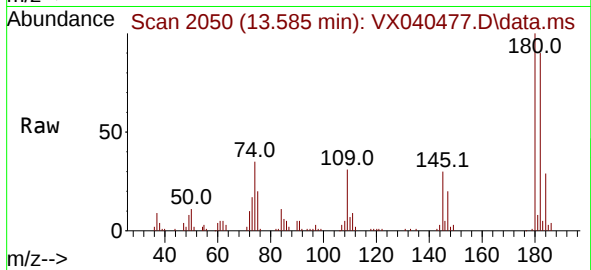
Tgt Ion: 75 Resp: 8161
Ion Ratio Lower Upper
75 100
155 74.2 36.1 108.5
157 97.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.641 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

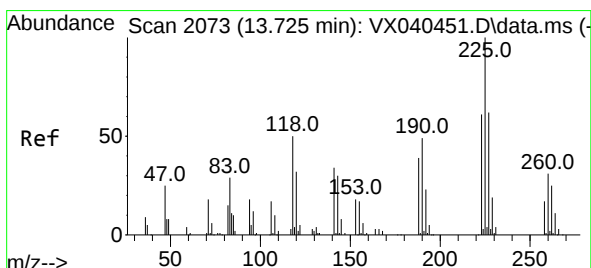
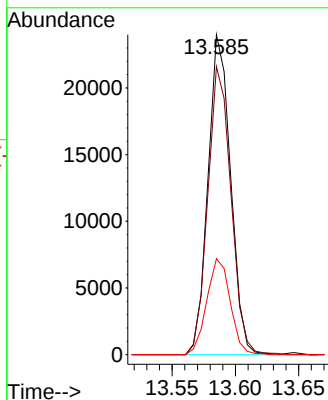
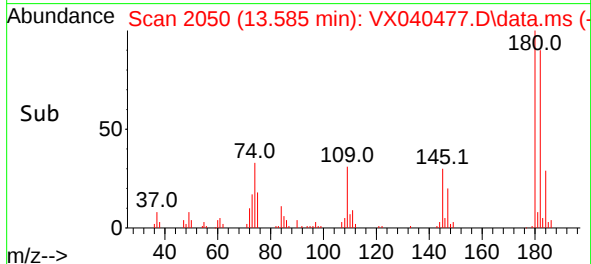
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:180 Resp: 29780
Ion Ratio Lower Upper
180 100
182 92.5 48.3 144.8
145 31.2 18.0 54.0

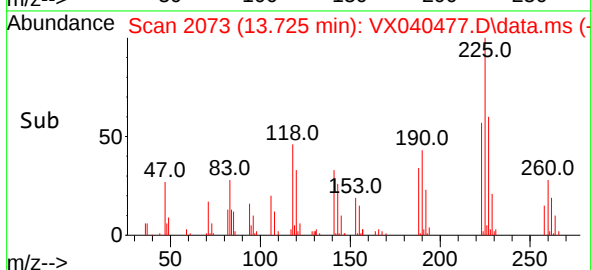
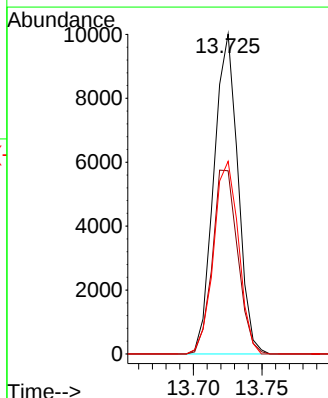
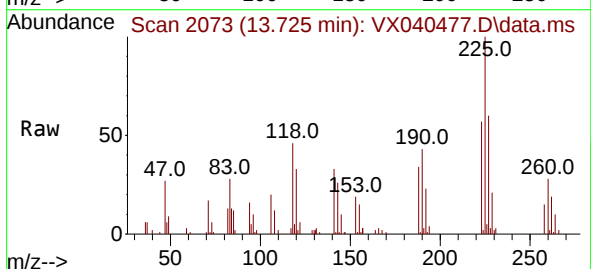
Manual Integrations
APPROVED

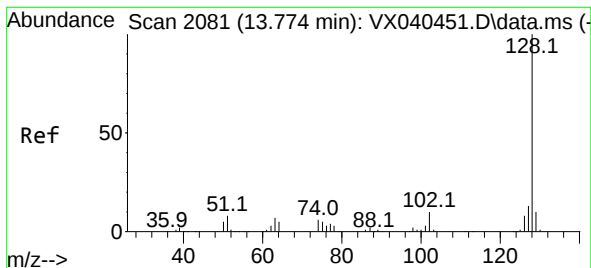
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#94
Hexachlorobutadiene
Concen: 20.698 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

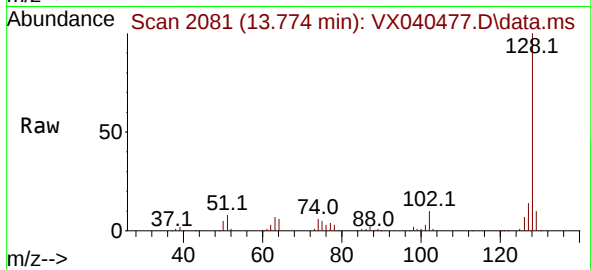
Tgt Ion:225 Resp: 12207
Ion Ratio Lower Upper
225 100
223 60.5 31.1 93.2
227 62.3 32.5 97.5





#95
Naphthalene
Concen: 20.387 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23

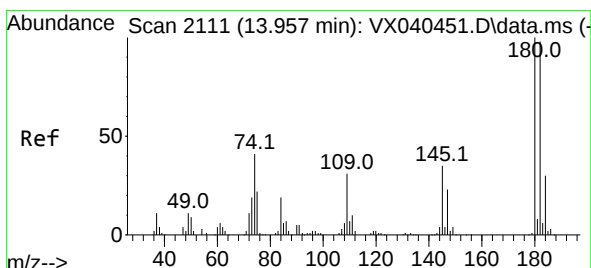
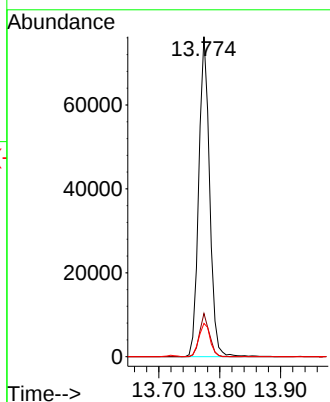
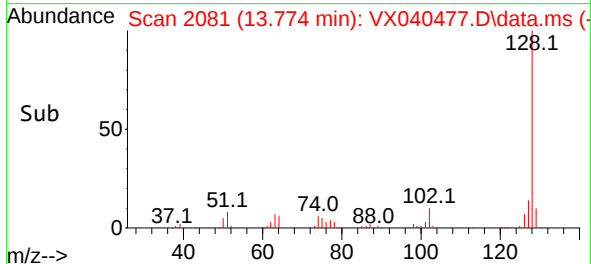
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



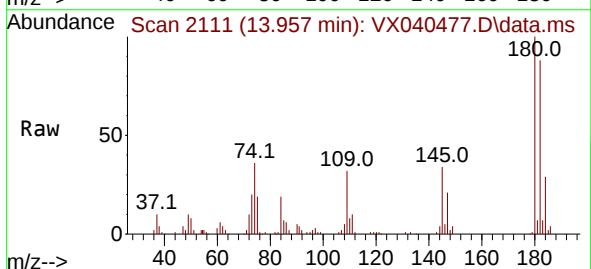
Tgt Ion:128 Resp: 94014
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.288 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX040477.D
Acq: 27 Feb 2024 10:23



Tgt Ion:180 Resp: 29202
Ion Ratio Lower Upper
180 100
182 90.9 46.9 140.6
145 33.9 17.8 53.5

