

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040531.D
 Acq On : 29 Feb 2024 12:56
 Operator : JC/MD
 Sample : VX0229WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

Quant Time: Mar 01 06:45:21 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	86598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70780	48.868	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.379	113	48530	47.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.647	98	155387	42.319	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.640%#		
62) 4-Bromofluorobenzene	11.079	95	68630	49.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18347	17.024	ug/l	96
3) Chloromethane	1.295	50	17491	16.363	ug/l	99
4) Vinyl Chloride	1.374	62	19933	17.244	ug/l	95
5) Bromomethane	1.605	94	13709	21.341	ug/l	98
6) Chloroethane	1.685	64	12359	16.895	ug/l	92
7) Trichlorofluoromethane	1.886	101	29529	16.174	ug/l	96
8) Diethyl Ether	2.130	74	10266	16.087	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	16720	17.014	ug/l	98
10) Methyl Iodide	2.453	142	18654	20.508	ug/l	99
11) Tert butyl alcohol	2.953	59	24054	98.791	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	15912	16.128	ug/l	97
13) Acrolein	2.233	56	16717	107.089	ug/l	99
14) Allyl chloride	2.660	41	29307	16.979	ug/l	92
15) Acrylonitrile	3.056	53	52689	86.268	ug/l	98
16) Acetone	2.374	43	53506	113.277	ug/l	100
17) Carbon Disulfide	2.508	76	39902	14.604	ug/l	99
18) Methyl Acetate	2.697	43	27211	18.686	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	59971	17.820	ug/l	93
20) Methylene Chloride	2.788	84	19466	17.221	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	17419	16.555	ug/l	94
22) Diisopropyl ether	3.758	45	59355	17.112	ug/l	97
23) Vinyl Acetate	3.715	43	278330	87.596	ug/l	100
24) 1,1-Dichloroethane	3.605	63	34616	17.113	ug/l	99
25) 2-Butanone	4.544	43	78723	95.657	ug/l	100
26) 2,2-Dichloropropane	4.471	77	26941	16.728	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	20393	16.567	ug/l	99
28) Bromochloromethane	4.898	49	16115	19.046	ug/l	100
29) Tetrahydrofuran	4.995	42	49365	85.984	ug/l	98
30) Chloroform	5.093	83	37623	17.523	ug/l	99
31) Cyclohexane	5.465	56	26677	16.257	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	32312	17.633	ug/l	97
36) 1,1-Dichloropropene	5.690	75	26586	17.059	ug/l	99
37) Ethyl Acetate	4.709	43	30180	17.694	ug/l	99
38) Carbon Tetrachloride	5.672	117	25750	17.103	ug/l	97
39) Methylcyclohexane	7.379	83	28059	16.676	ug/l	93
40) Benzene	6.038	78	70798	16.779	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	16527	17.347	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33325	19.082	ug/l	98
43) Isopropyl Acetate	6.336	43	48637	18.173	ug/l	98
44) Trichloroethene	7.123	130	19690	17.351	ug/l	96
45) 1,2-Dichloropropane	7.428	63	19688	17.434	ug/l	98
46) Dibromomethane	7.580	93	14939	17.994	ug/l	98
47) Bromodichloromethane	7.818	83	29801	18.231	ug/l	97
48) Methyl methacrylate	7.690	41	24506	18.320	ug/l	94
49) 1,4-Dioxane	7.653	88	9860	389.651	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	149998	84.769	ug/l	96
52) Toluene	8.714	92	42928	16.577	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	26901	16.216	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	29107	16.323	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	18689	17.391	ug/l	96
56) Ethyl methacrylate	9.116	69	27580	16.599	ug/l	93
57) 1,3-Dichloropropane	9.305	76	31298	16.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	73252	84.081	ug/l	98
59) 2-Hexanone	9.427	43	116636	85.733	ug/l	97
60) Dibromochloromethane	9.519	129	18926	16.214	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19631	16.740	ug/l	99
64) Tetrachloroethene	9.275	164	15911	17.780	ug/l	98
65) Chlorobenzene	10.080	112	46352	17.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	17494	18.309	ug/l	99
67) Ethyl Benzene	10.195	91	88384	17.808	ug/l	97
68) m/p-Xylenes	10.299	106	67306	36.316	ug/l	90
69) o-Xylene	10.640	106	32925	18.575	ug/l	93
70) Styrene	10.653	104	55730	18.860	ug/l	97
71) Bromoform	10.799	173	15002	19.180	ug/l #	100
73) Isopropylbenzene	10.964	105	89579	17.242	ug/l	100
74) N-amyl acetate	10.842	43	41390	17.153	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	32560	17.329	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28175m	18.147	ug/l	
77) Bromobenzene	11.195	156	21347	17.377	ug/l	100
78) n-propylbenzene	11.305	91	111426	17.290	ug/l	97
79) 2-Chlorotoluene	11.360	91	66397	17.115	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	78766	17.826	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	8280	18.029	ug/l	96
82) 4-Chlorotoluene	11.451	91	78331	17.461	ug/l	100
83) tert-Butylbenzene	11.713	119	70943	17.030	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	77238	17.618	ug/l	99
85) sec-Butylbenzene	11.890	105	96262	17.590	ug/l	98
86) p-Isopropyltoluene	12.006	119	80349	17.812	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40802	16.663	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42236	16.944	ug/l	98
89) n-Butylbenzene	12.329	91	76125	17.153	ug/l	96
90) Hexachloroethane	12.536	117	13121	17.477	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40779	17.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8313	18.978	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	25500	16.745	ug/l	94
94) Hexachlorobutadiene	13.725	225	10219	16.419	ug/l	99
95) Naphthalene	13.774	128	81900	16.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24900	17.201	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

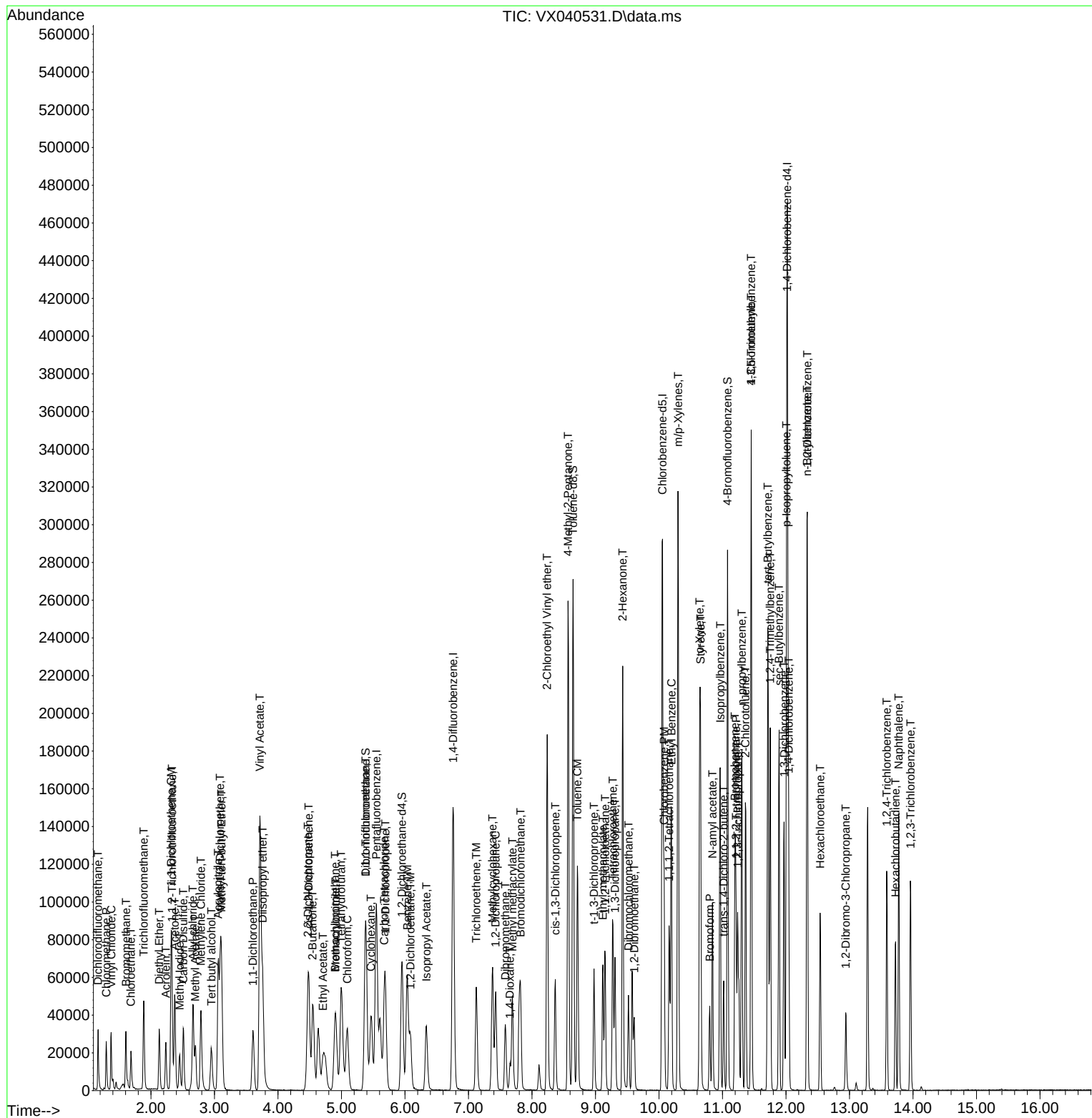
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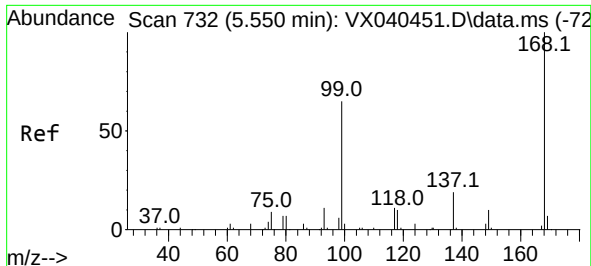
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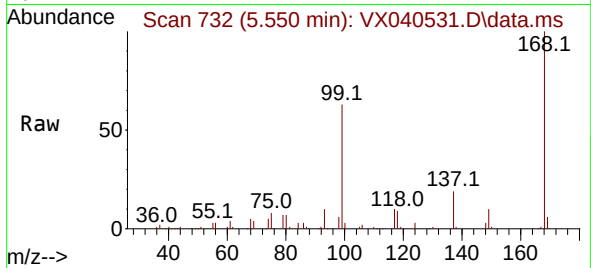
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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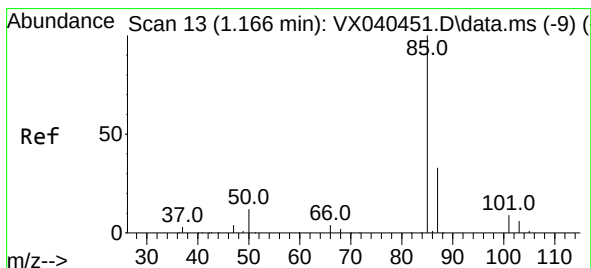
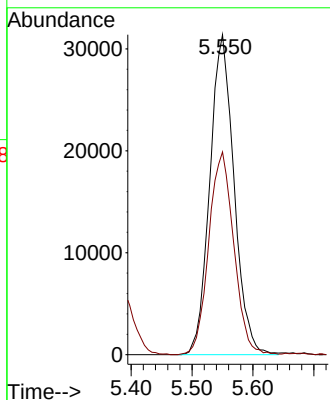
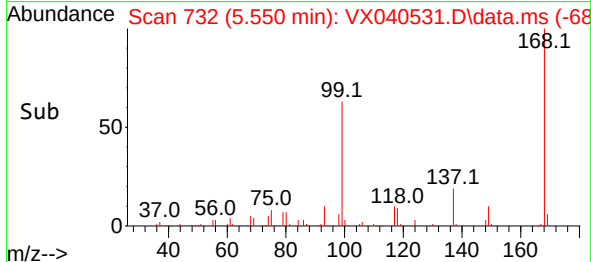
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion:168 Resp: 86598
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0

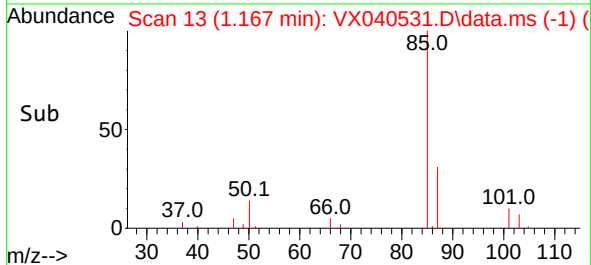
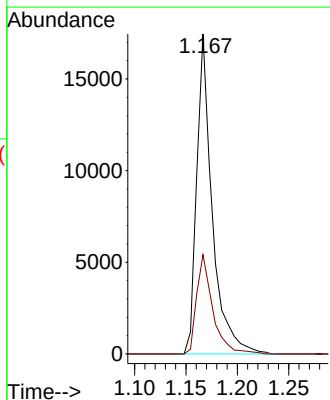
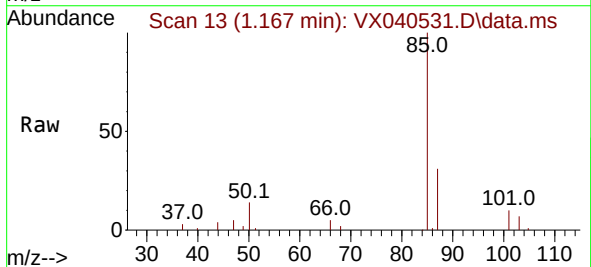
Manual Integrations
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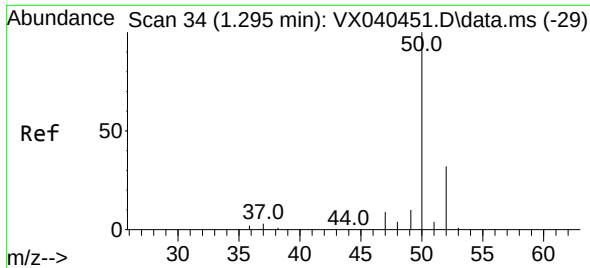
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#2
Dichlorodifluoromethane
Concen: 17.024 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 85 Resp: 18347
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





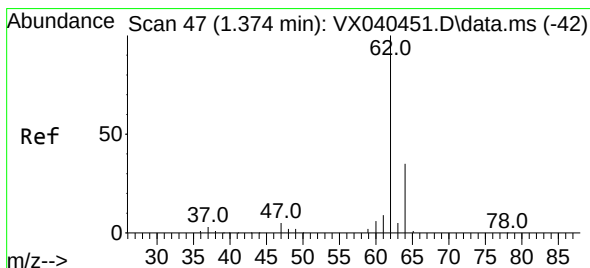
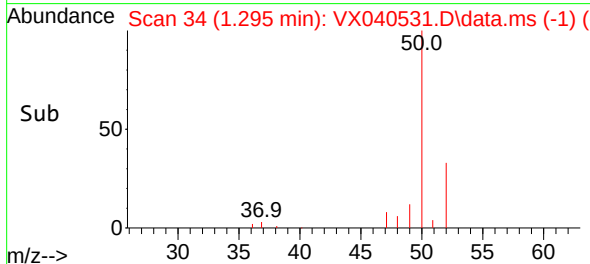
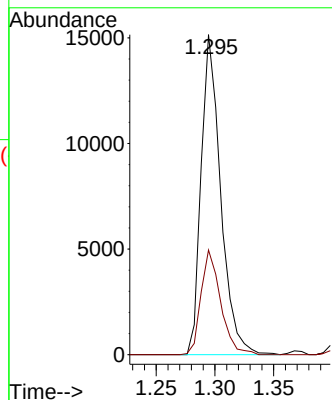
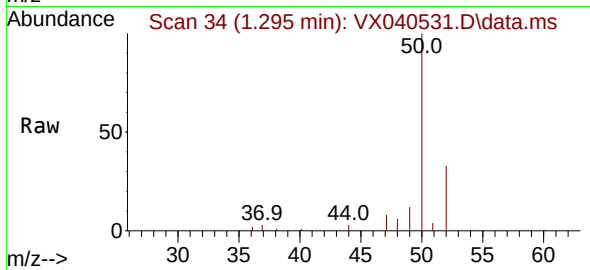
#3
Chloromethane
Concen: 16.363 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

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Tgt Ion: 50 Resp: 1749
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

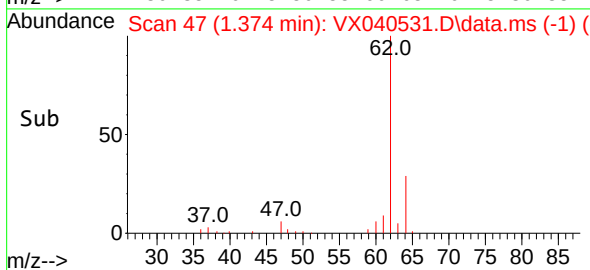
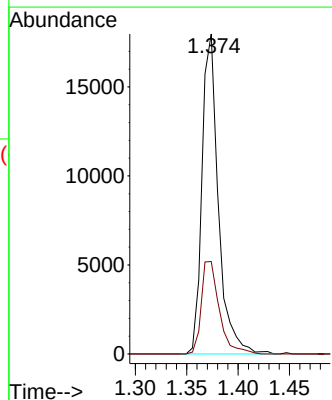
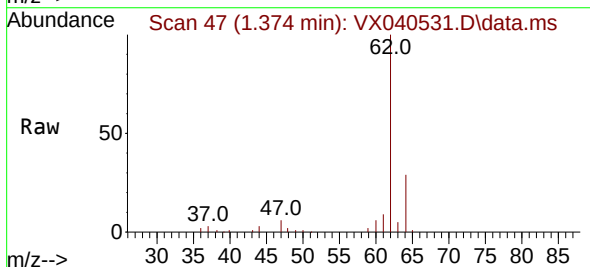
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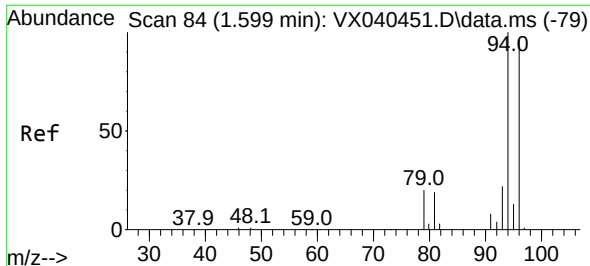
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#4
Vinyl Chloride
Concen: 17.244 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

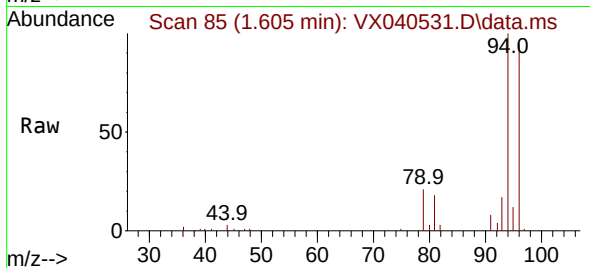
Tgt Ion: 62 Resp: 19933
Ion Ratio Lower Upper
62 100
64 28.9 25.4 38.0





#5
Bromomethane
Concen: 21.341 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

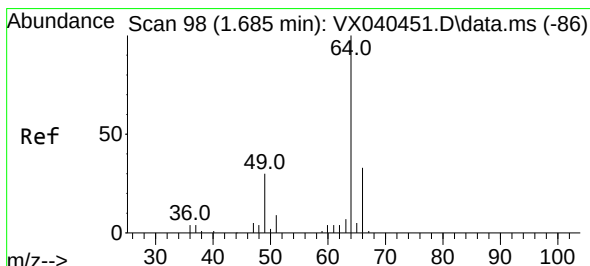
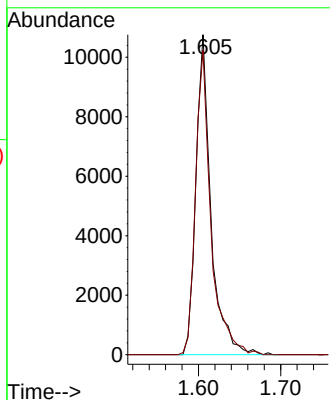
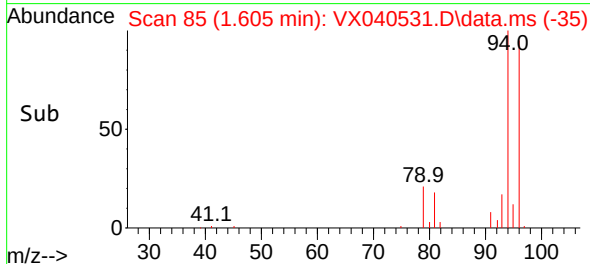
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Tgt Ion: 94 Resp: 13709
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

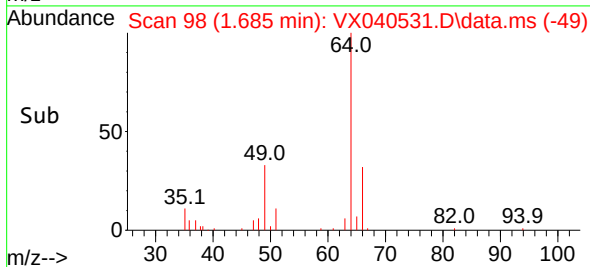
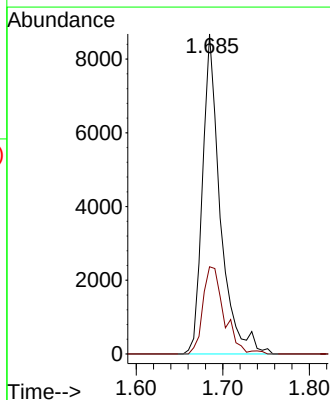
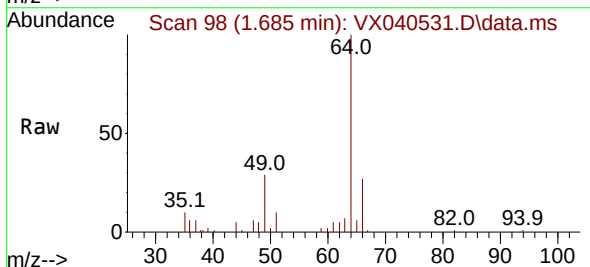
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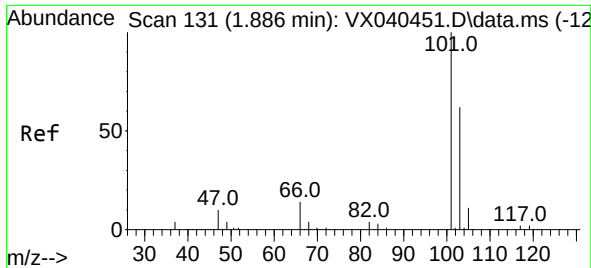
Reviewed By :John Carlone 03/01/2024
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#6
Chloroethane
Concen: 16.895 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040531.D
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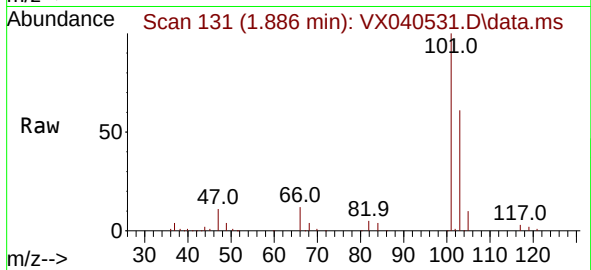
Tgt Ion: 64 Resp: 12359
Ion Ratio Lower Upper
64 100
66 27.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 16.174 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

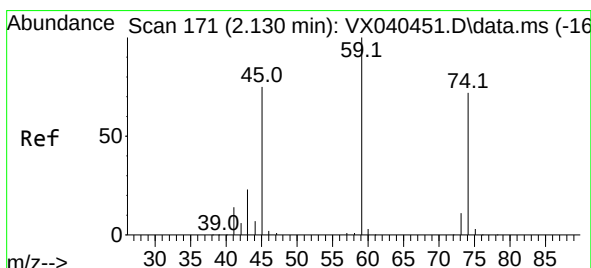
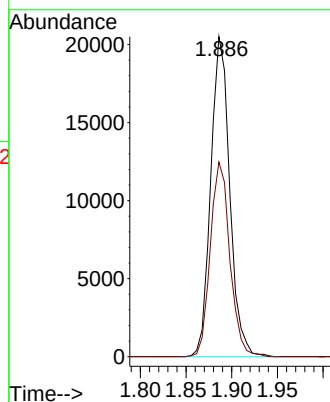
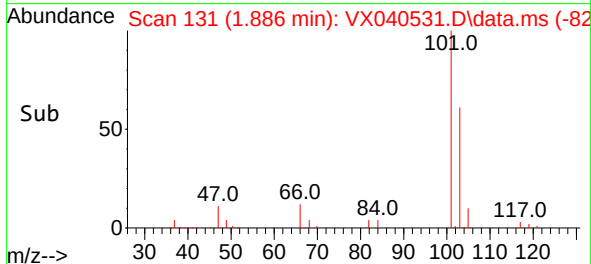
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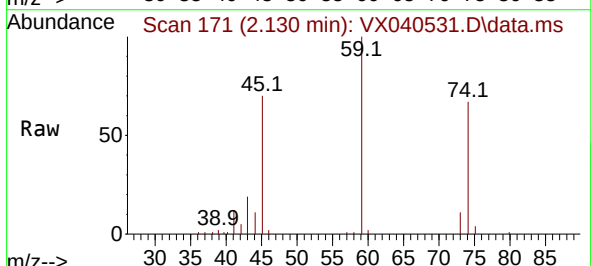
Tgt Ion:101 Resp: 29529
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.4 77.2

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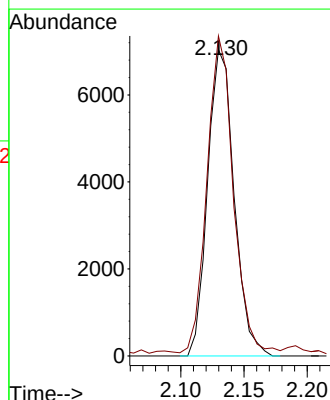
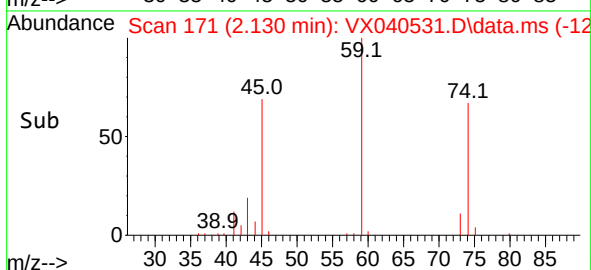
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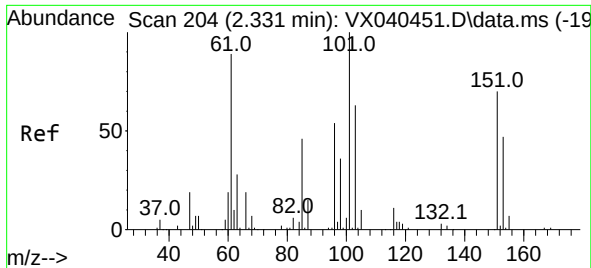


#8
 Diethyl Ether
 Concen: 16.087 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56



Tgt Ion: 74 Resp: 10266
 Ion Ratio Lower Upper
 74 100
 45 103.2 53.3 159.8





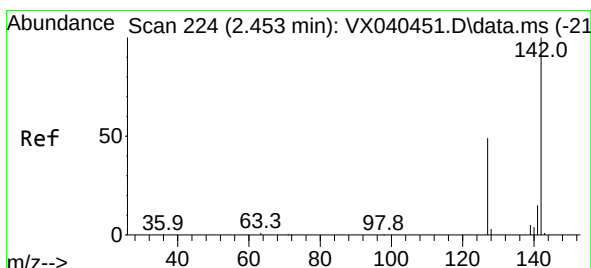
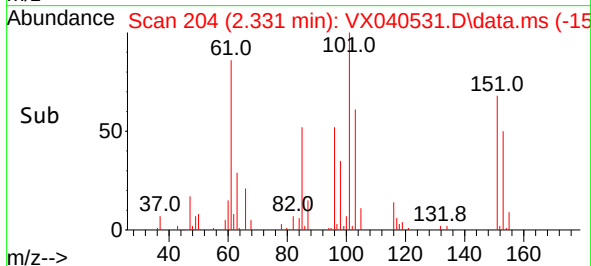
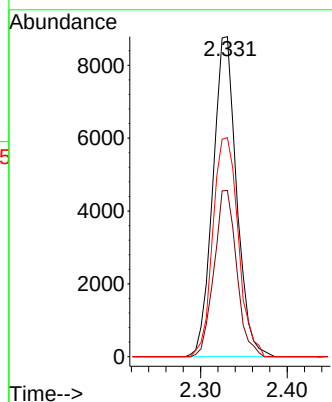
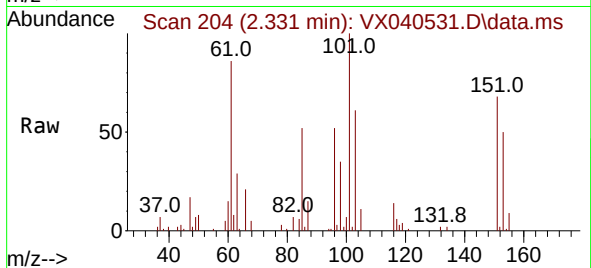
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.014 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion:101 Resp: 16720
Ion Ratio Lower Upper
101 100
85 49.4 37.0 55.6
151 73.2 58.6 87.8

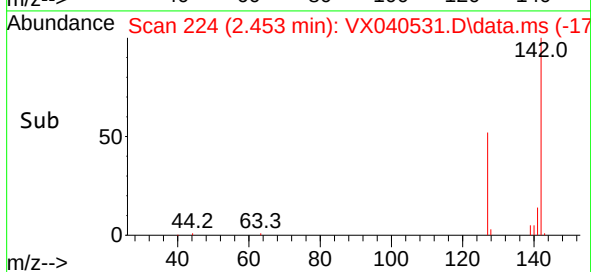
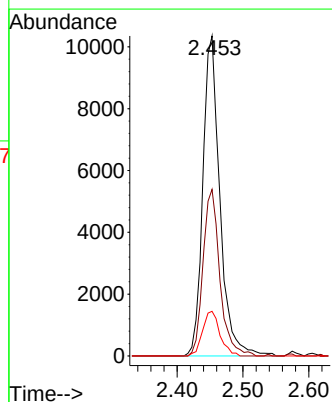
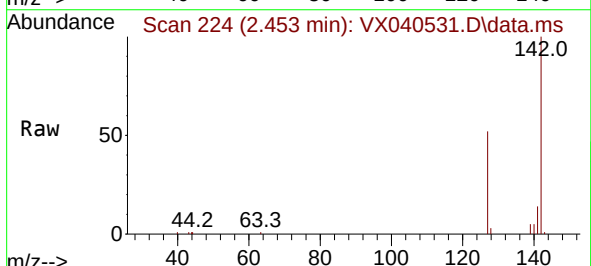
Manual Integrations
APPROVED

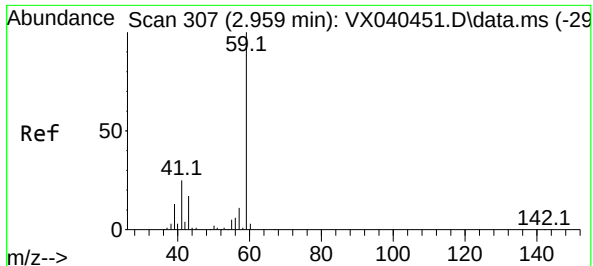
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#10
Methyl Iodide
Concen: 20.508 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

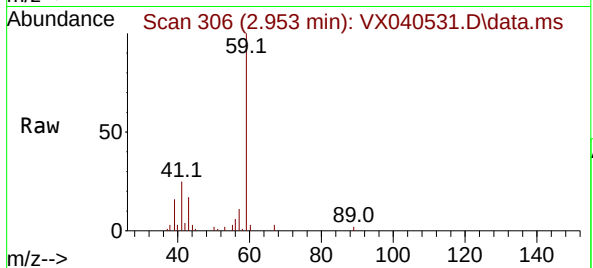
Tgt Ion:142 Resp: 18654
Ion Ratio Lower Upper
142 100
127 51.3 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 98.791 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

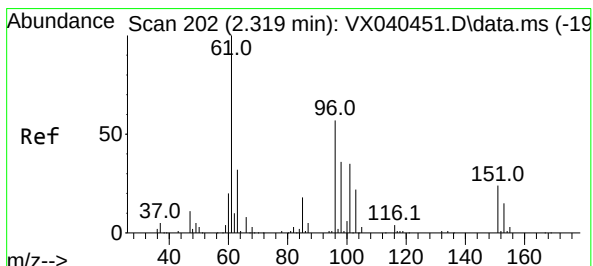
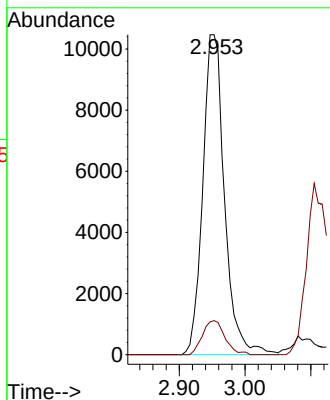
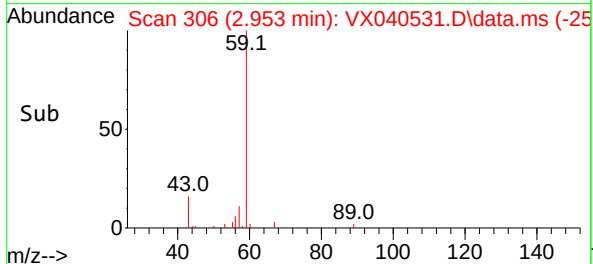
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 59 Resp: 24054
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0

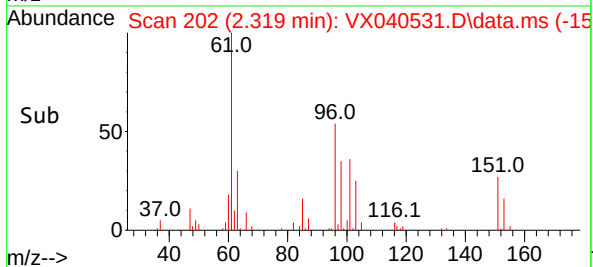
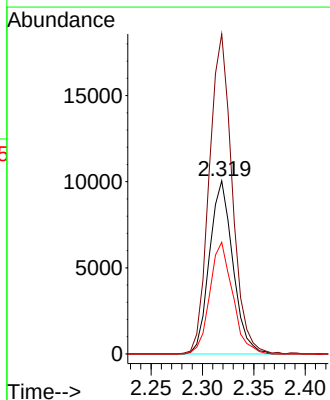
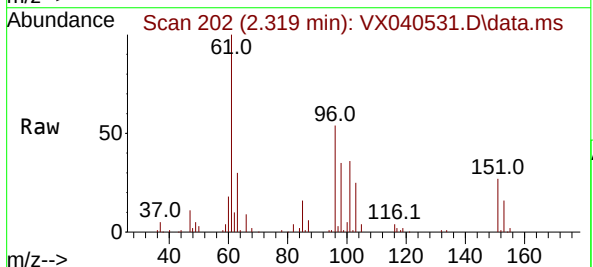
Manual Integrations
APPROVED

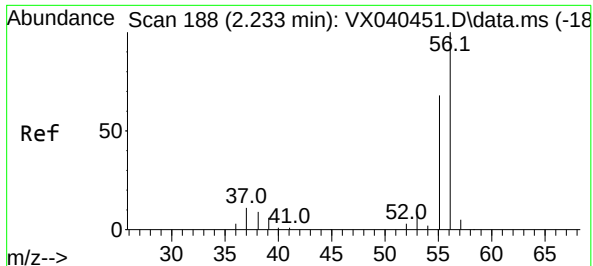
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#12
1,1-Dichloroethene
Concen: 16.128 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 96 Resp: 15912
Ion Ratio Lower Upper
96 100
61 184.8 144.6 216.8
98 64.5 50.4 75.6





#13

Acrolein

Concen: 107.089 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion: 56 Resp: 1671

Ion Ratio Lower Upper

56 100

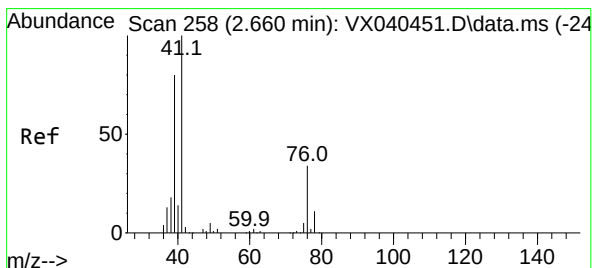
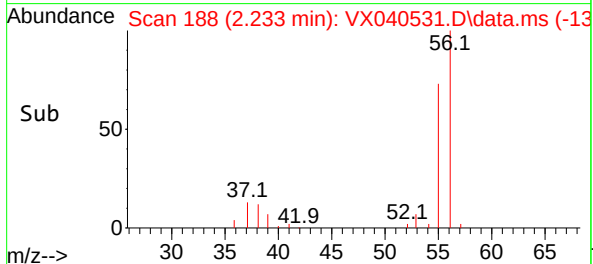
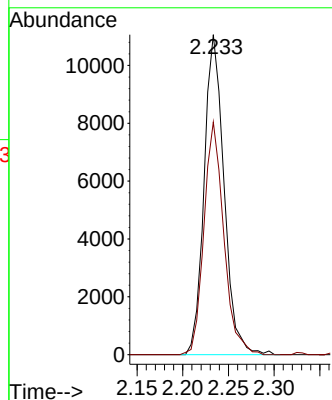
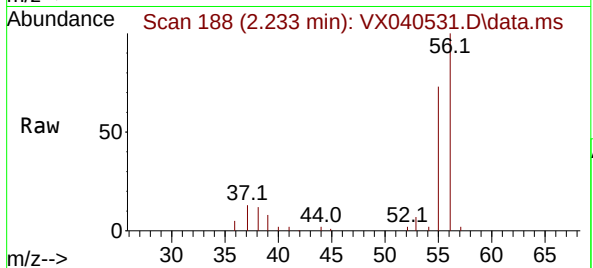
55 72.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#14

Allyl chloride

Concen: 16.979 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

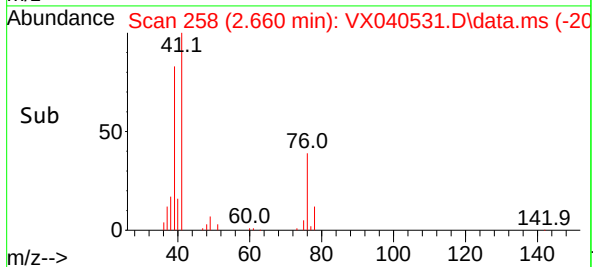
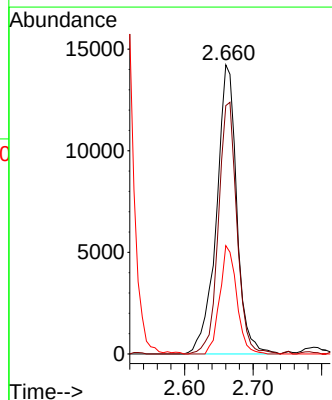
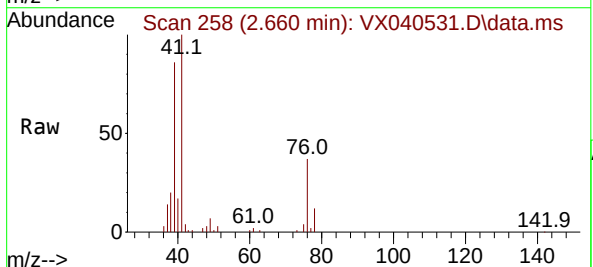
Tgt Ion: 41 Resp: 29307

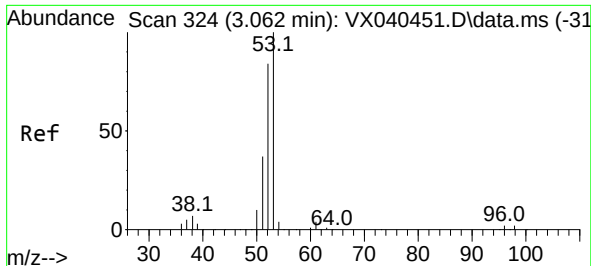
Ion Ratio Lower Upper

41 100

39 78.9 55.8 83.6

76 31.2 24.3 36.5





#15

Acrylonitrile

Concen: 86.268 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion: 53 Resp: 52689

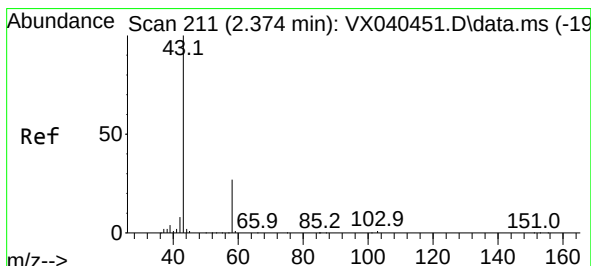
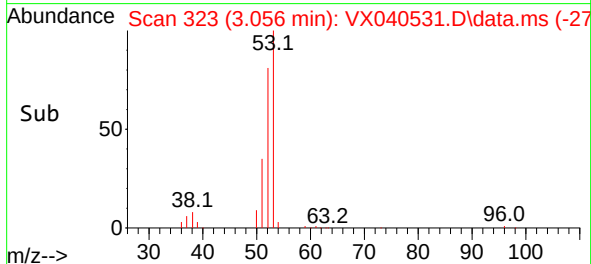
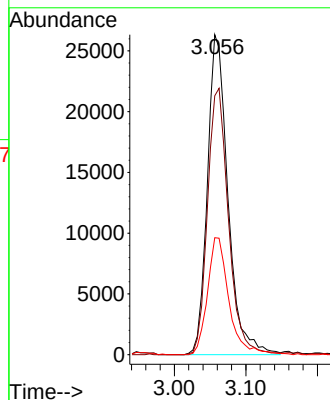
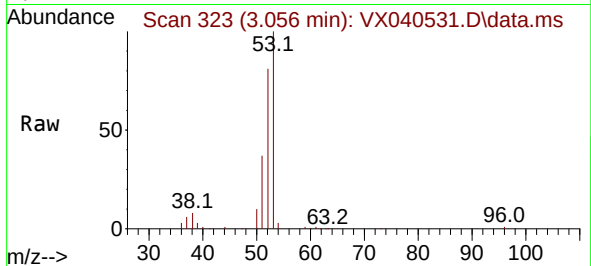
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.0	99.0
51	38.2	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#16

Acetone

Concen: 113.277 ug/l

RT: 2.374 min Scan# 211

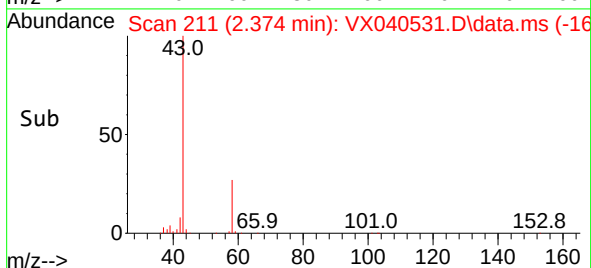
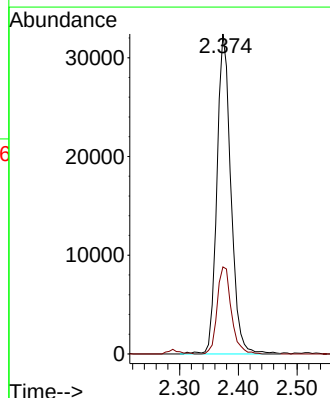
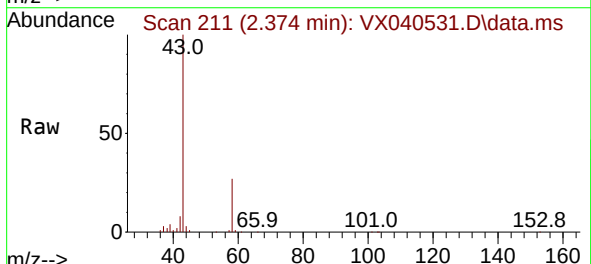
Delta R.T. 0.000 min

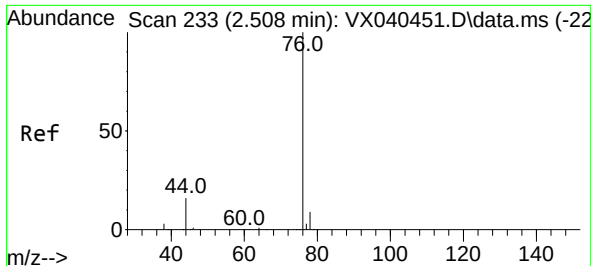
Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Tgt Ion: 43 Resp: 53506

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.9	32.9





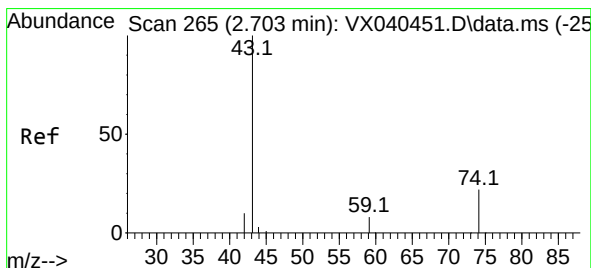
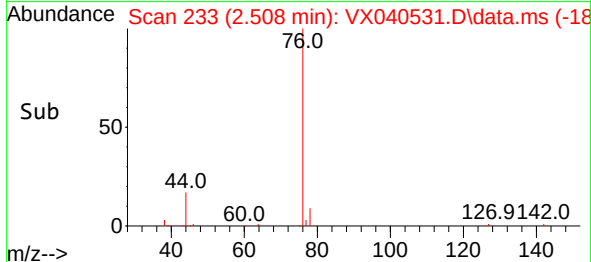
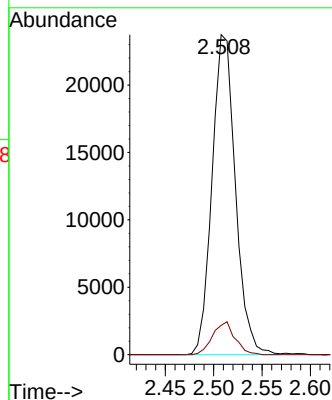
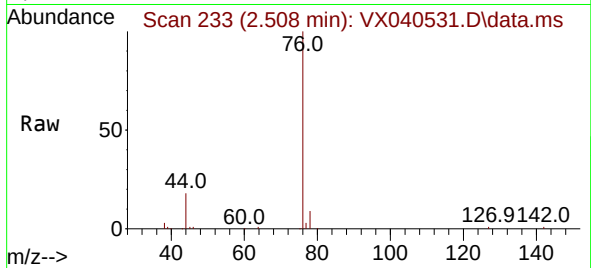
#17
Carbon Disulfide
Concen: 14.604 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 76 Resp: 3990
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

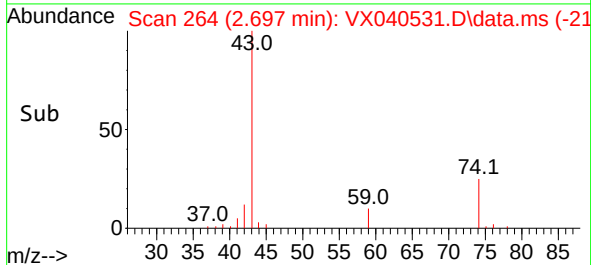
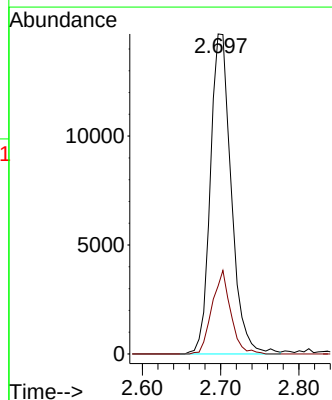
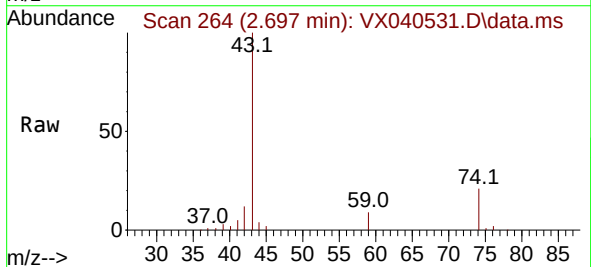
Manual Integrations
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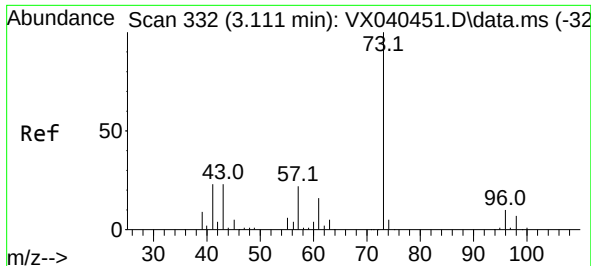
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#18
Methyl Acetate
Concen: 18.686 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

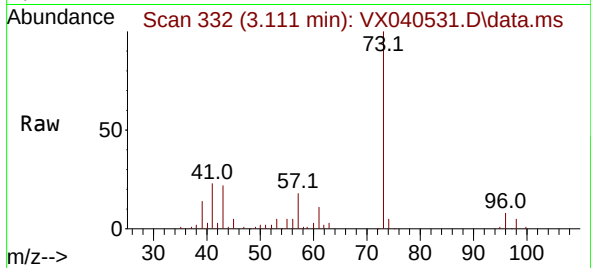
Tgt Ion: 43 Resp: 27211
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 17.820 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

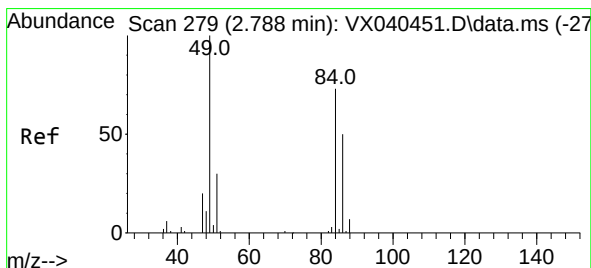
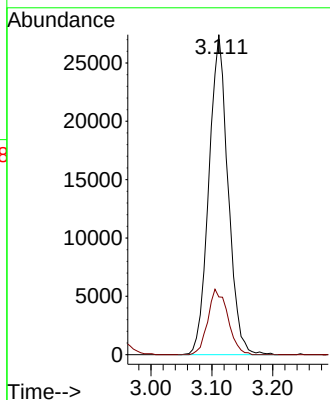
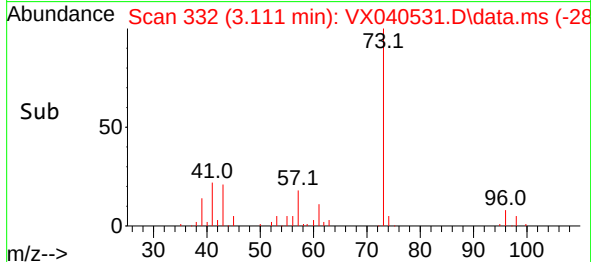
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 73 Resp: 5997
Ion Ratio Lower Upper
73 100
57 18.1 17.3 25.9

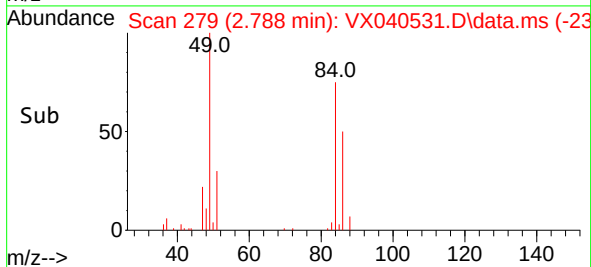
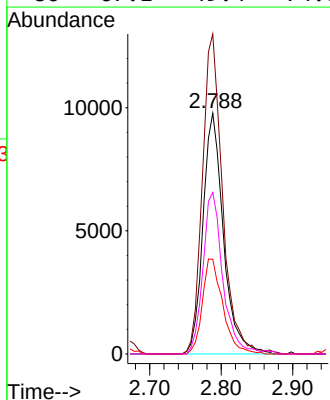
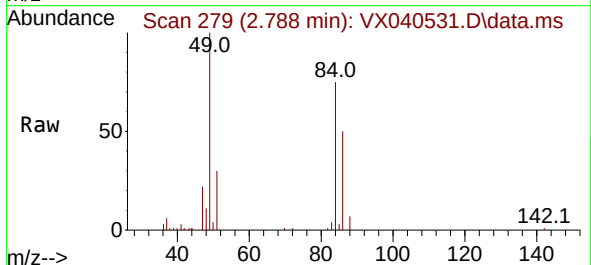
Manual Integrations
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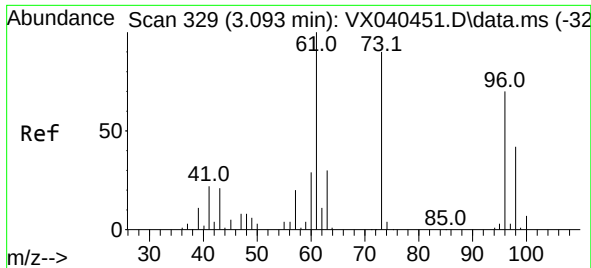
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#20
Methylene Chloride
Concen: 17.221 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 84 Resp: 19466
Ion Ratio Lower Upper
84 100
49 132.9 103.6 155.4
51 39.3 33.8 50.6
86 67.1 49.4 74.0





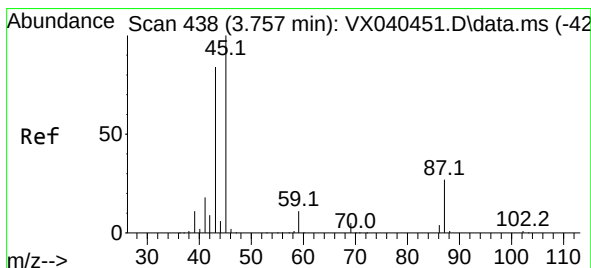
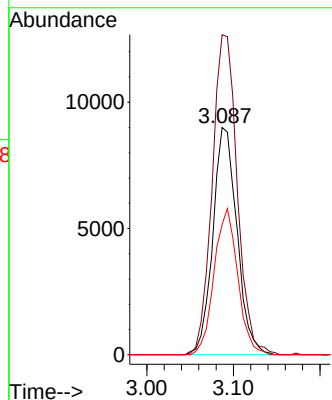
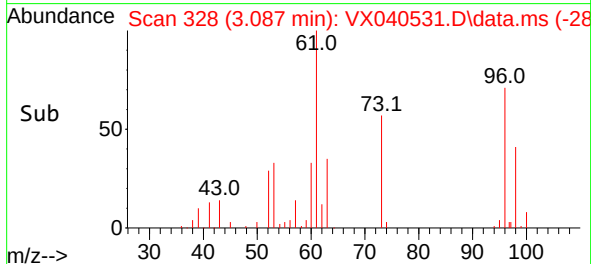
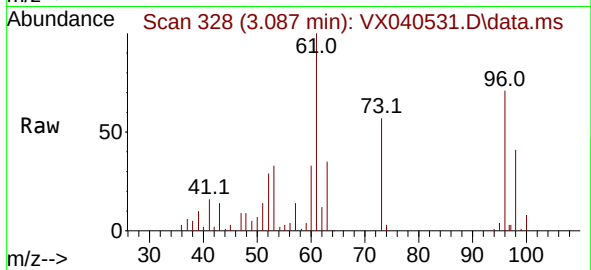
#21
trans-1,2-Dichloroethene
Concen: 16.555 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 96 Resp: 17419
Ion Ratio Lower Upper
96 100
61 140.9 119.2 178.8
98 57.3 48.7 73.1

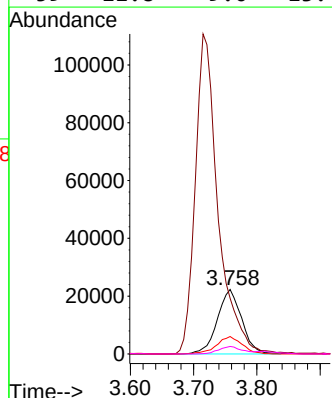
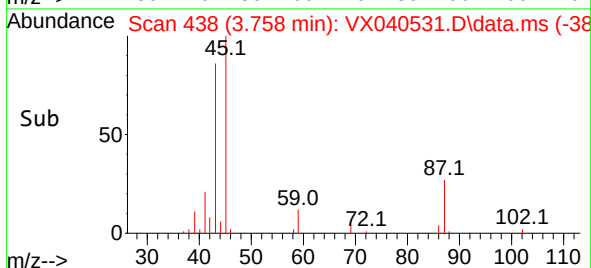
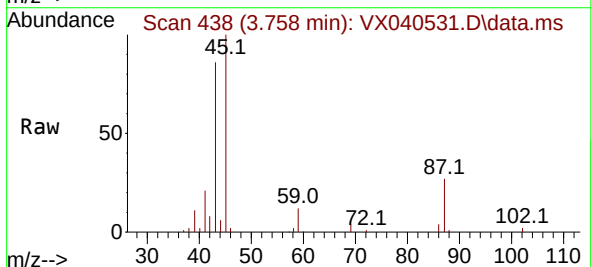
Manual Integrations
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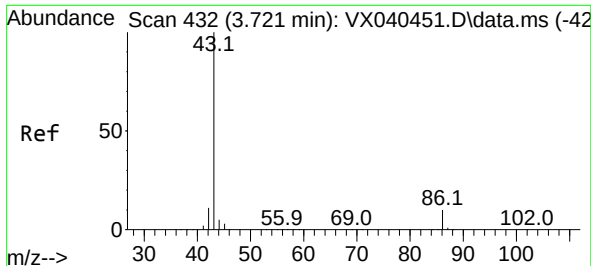
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#22
Diisopropyl ether
Concen: 17.112 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 45 Resp: 59355
Ion Ratio Lower Upper
45 100
43 83.7 69.7 104.5
87 27.1 20.8 31.2
59 11.8 9.0 13.4





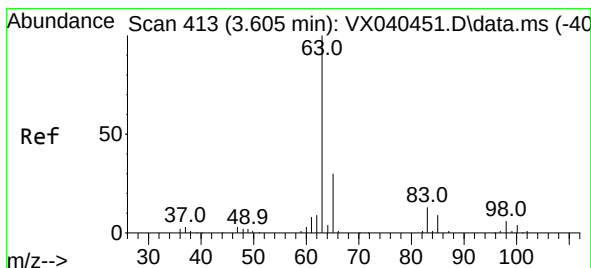
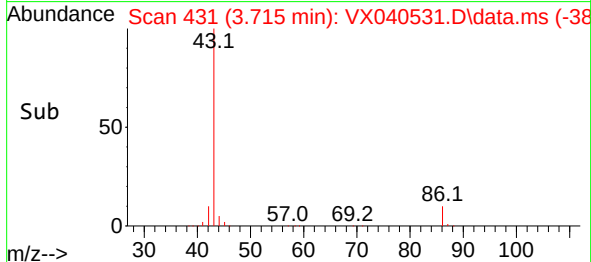
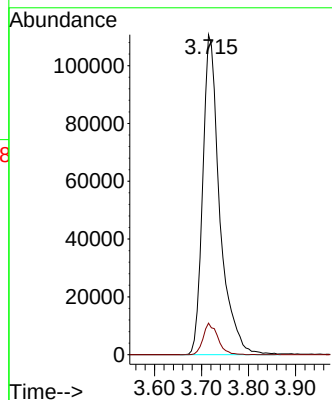
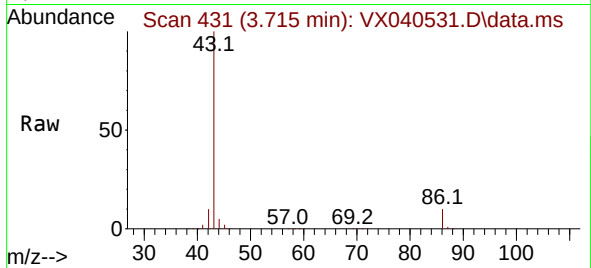
#23
 Vinyl Acetate
 Concen: 87.596 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS02

Tgt Ion: 43 Resp: 278330
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

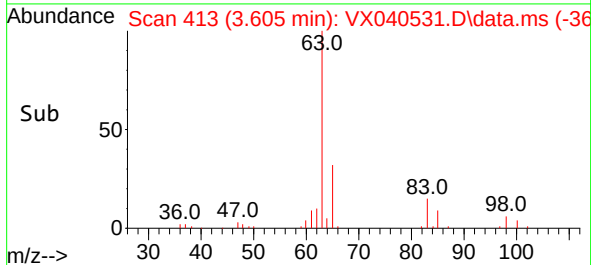
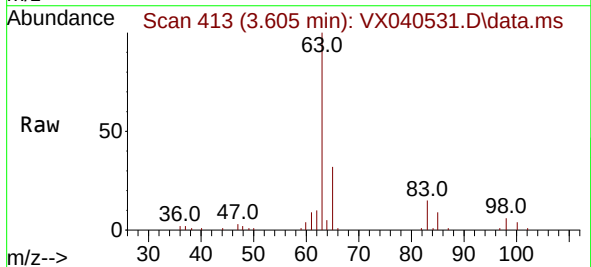
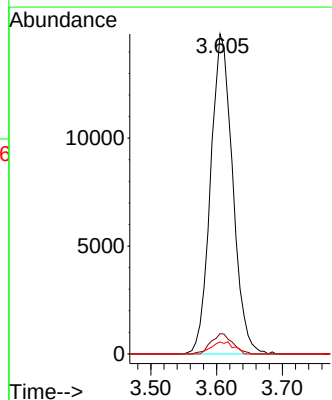
Manual Integrations
 APPROVED

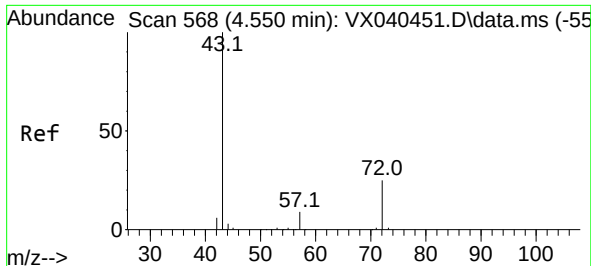
Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#24
 1,1-Dichloroethane
 Concen: 17.113 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

Tgt Ion: 63 Resp: 34616
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.7 2.1 6.5





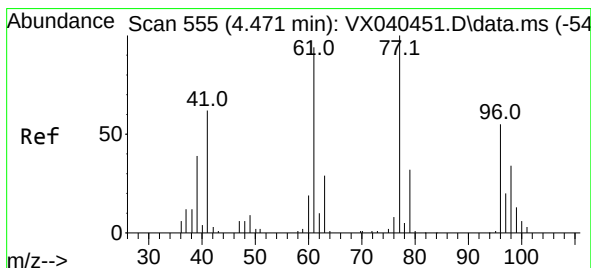
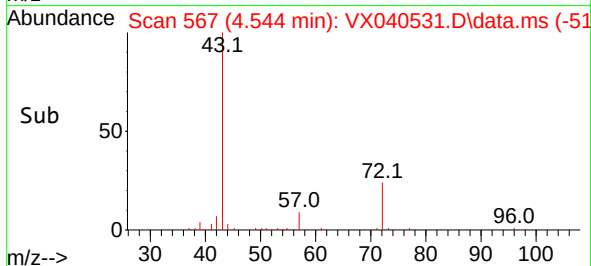
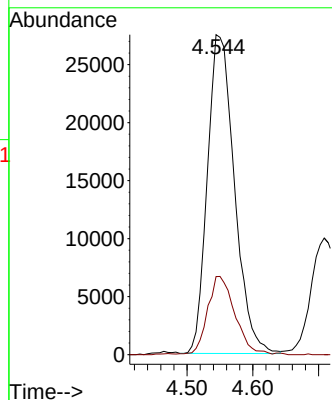
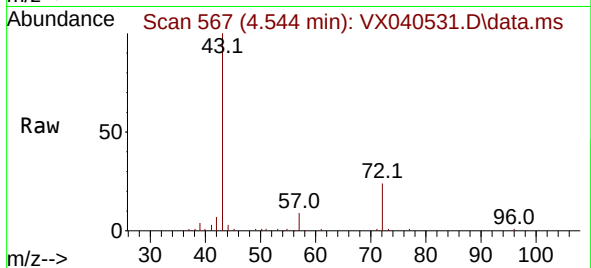
#25
2-Butanone
Concen: 95.657 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 43 Resp: 7872
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2

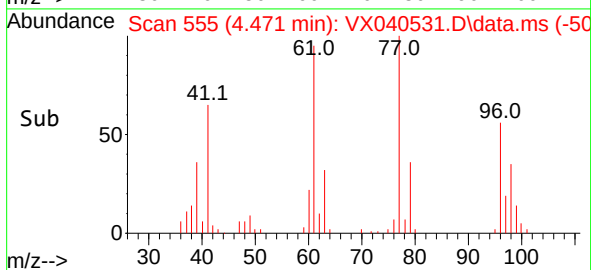
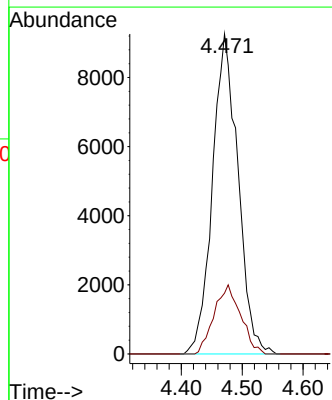
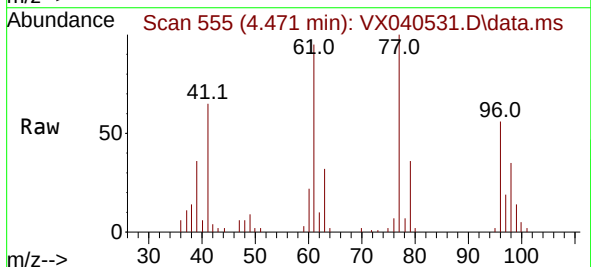
Manual Integrations
APPROVED

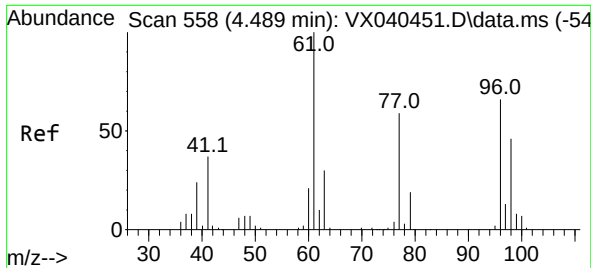
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#26
2,2-Dichloropropane
Concen: 16.728 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

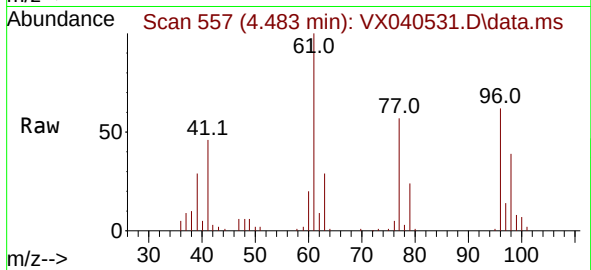
Tgt Ion: 77 Resp: 26941
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 16.567 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

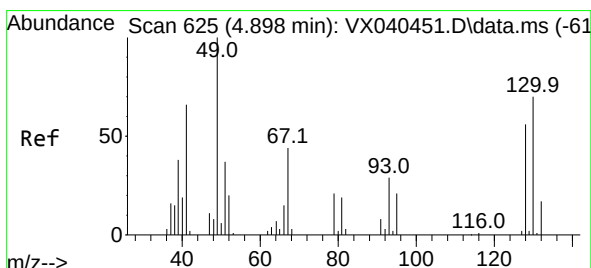
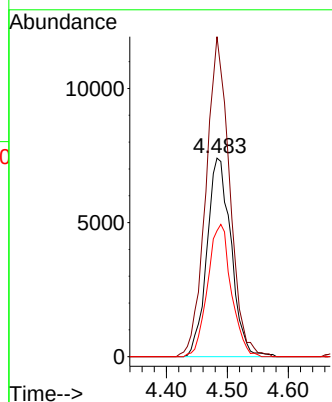
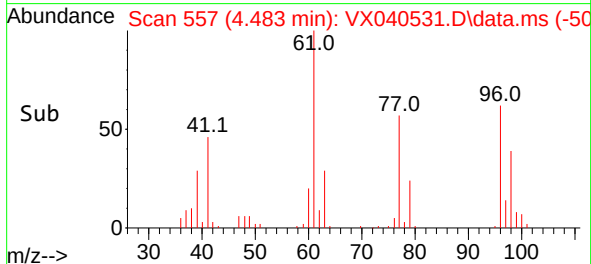
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 96 Resp: 2039
Ion Ratio Lower Upper
96 100
61 158.3 0.0 312.2
98 65.2 0.0 129.0

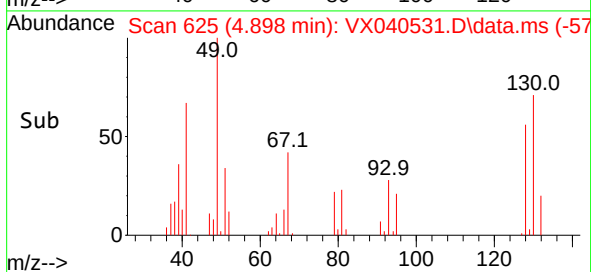
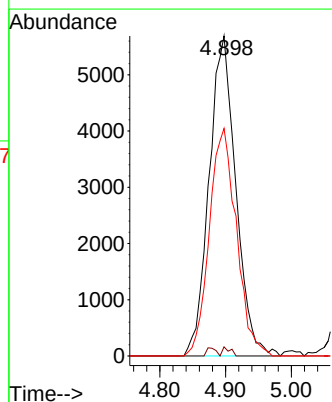
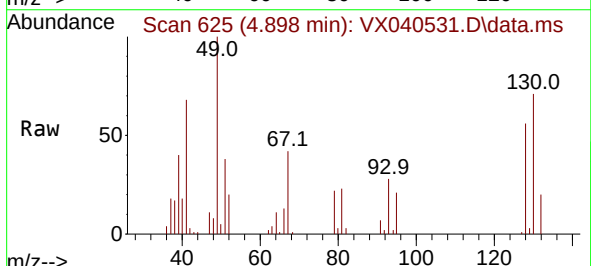
Manual Integrations
APPROVED

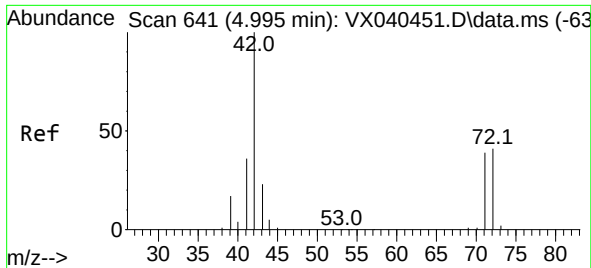
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#28
Bromochloromethane
Concen: 19.046 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

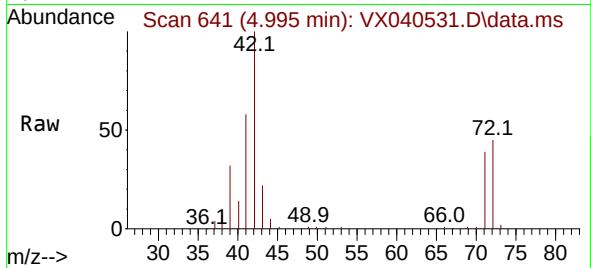
Tgt Ion: 49 Resp: 16115
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.8
130 72.1 57.5 86.3





#29
Tetrahydrofuran
Concen: 85.984 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

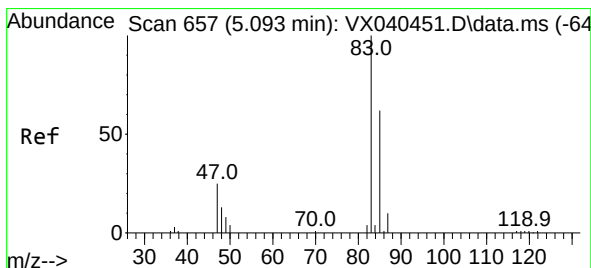
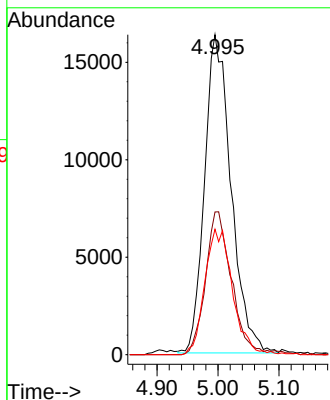
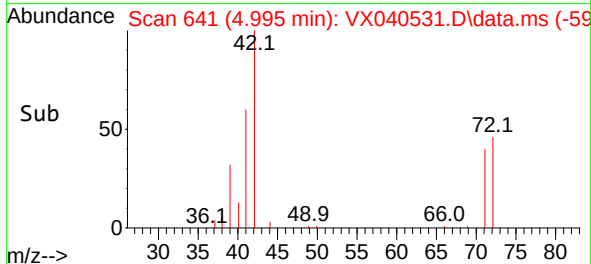
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 42 Resp: 4936
Ion Ratio Lower Upper
42 100
72 44.5 34.2 51.4
71 41.1 32.2 48.2

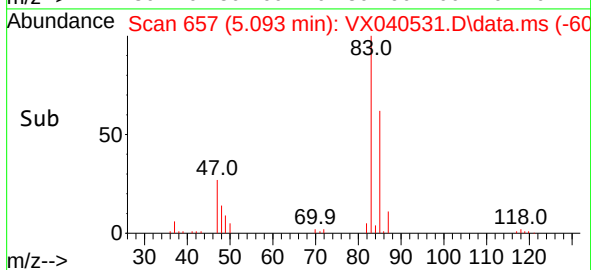
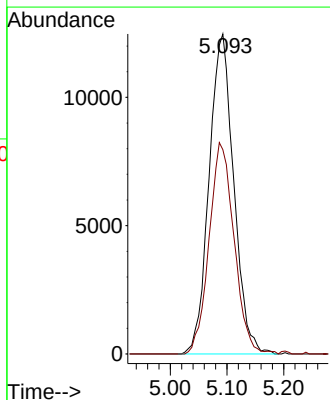
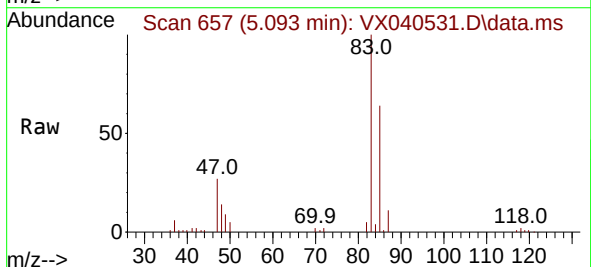
Manual Integrations
APPROVED

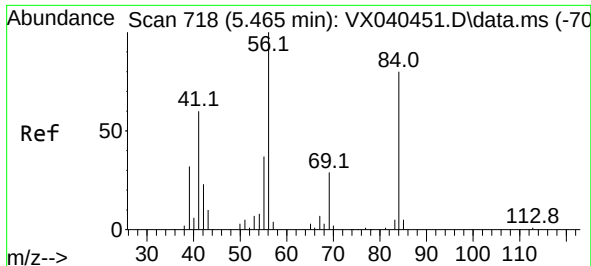
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#30
Chloroform
Concen: 17.523 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

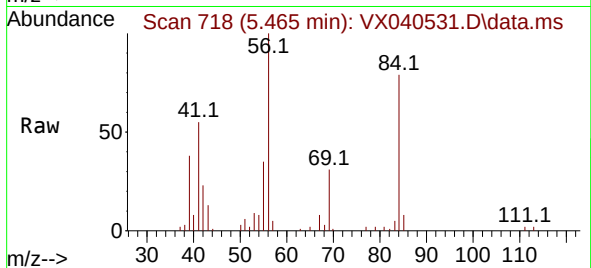
Tgt Ion: 83 Resp: 37623
Ion Ratio Lower Upper
83 100
85 63.8 50.3 75.5





#31
Cyclohexane
Concen: 16.257 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

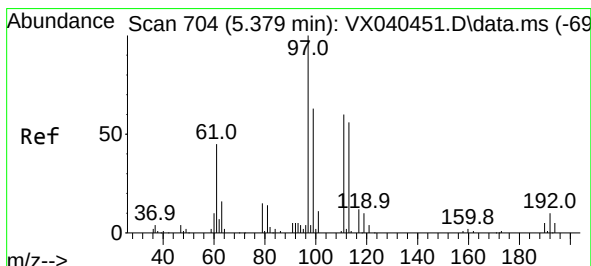
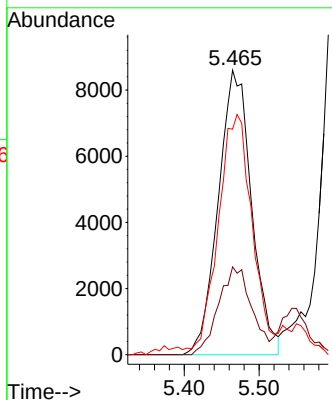
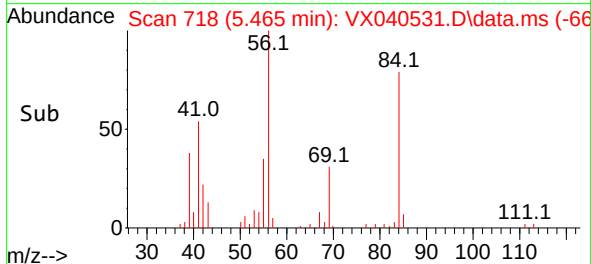
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 76.6 65.9 98.9

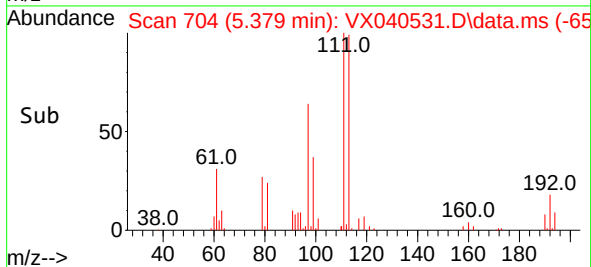
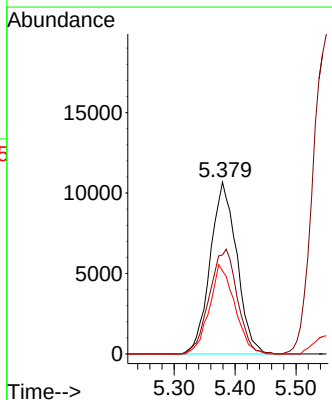
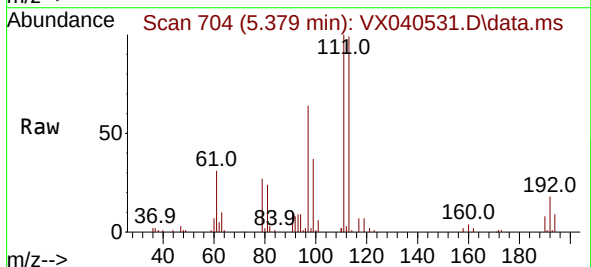
Manual Integrations
APPROVED

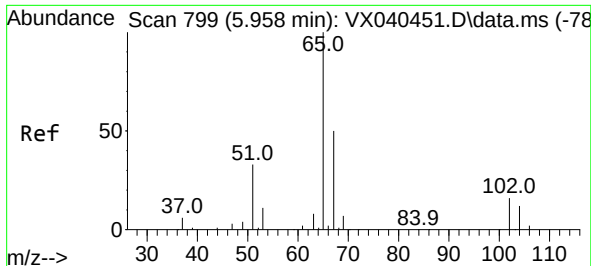
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#32
1,1,1-Trichloroethane
Concen: 17.633 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 97 Resp: 32312
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 49.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.868 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion: 65 Resp: 70780

Ion Ratio Lower Upper

65 100

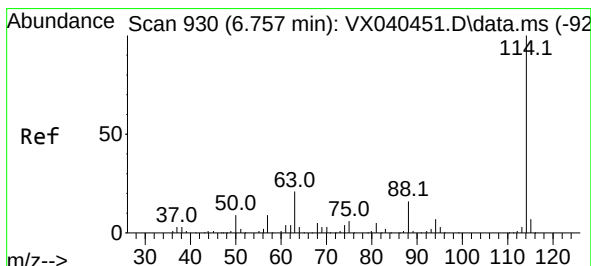
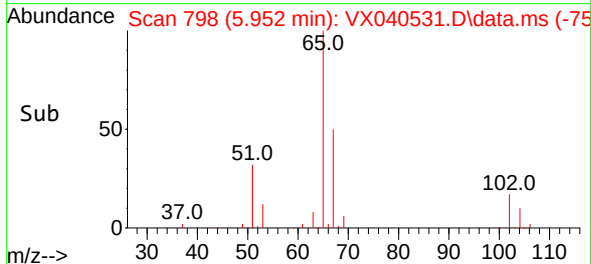
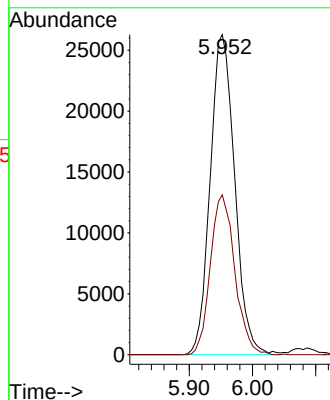
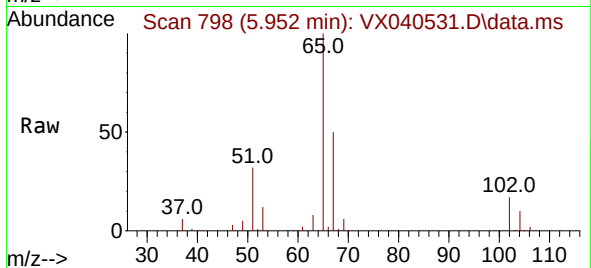
67 49.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

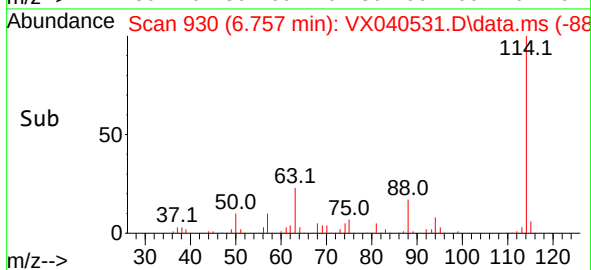
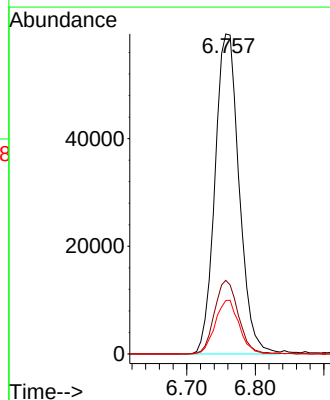
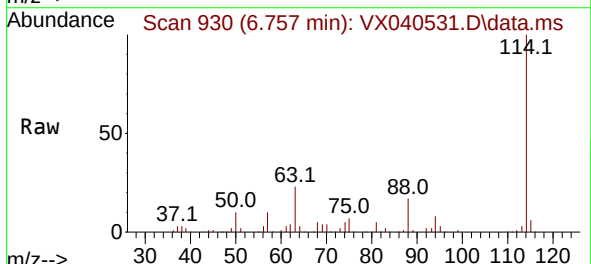
Tgt Ion:114 Resp: 145465

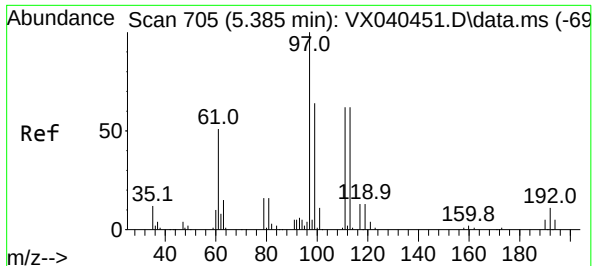
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.976 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion:113 Resp: 48530

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

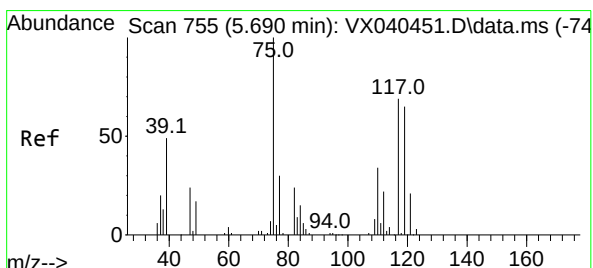
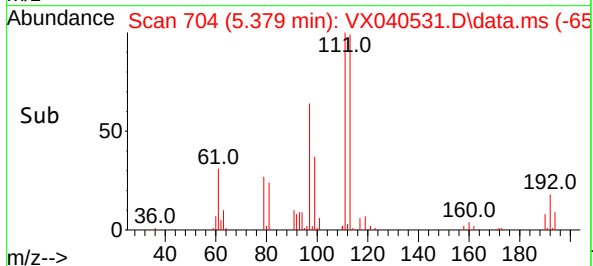
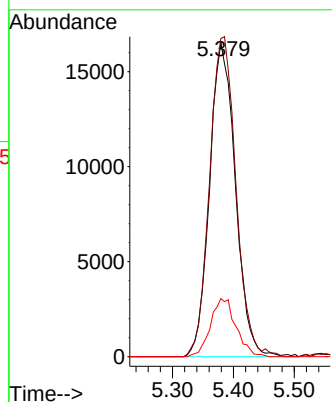
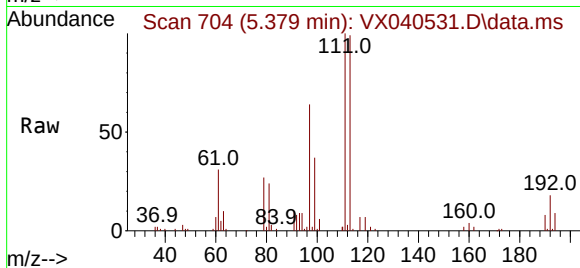
192 18.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#36

1,1-Dichloropropene

Concen: 17.059 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

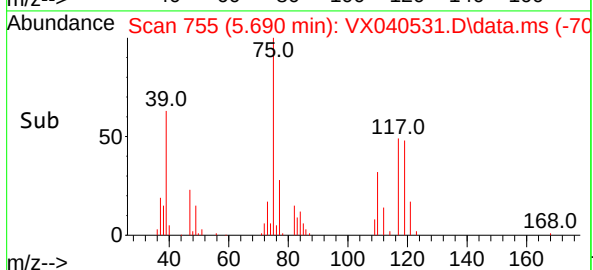
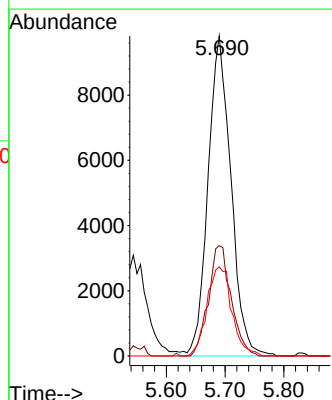
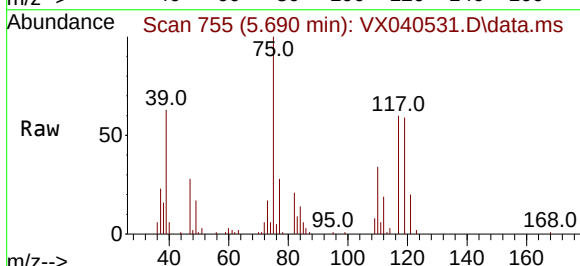
Tgt Ion: 75 Resp: 26586

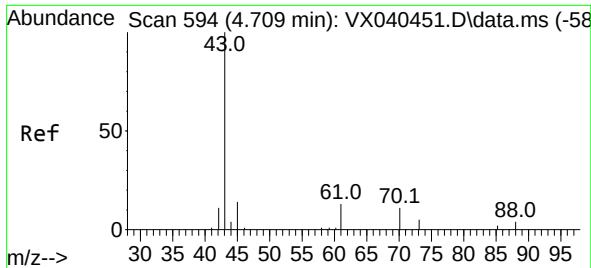
Ion Ratio Lower Upper

75 100

110 34.1 17.0 50.9

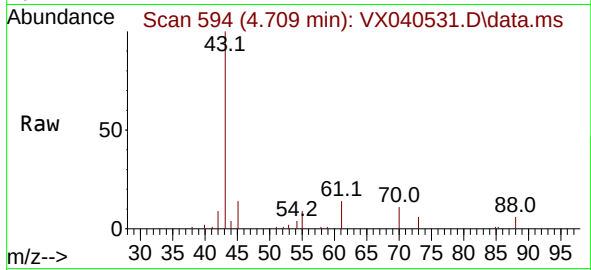
77 30.2 24.7 37.1





#37
Ethyl Acetate
Concen: 17.694 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

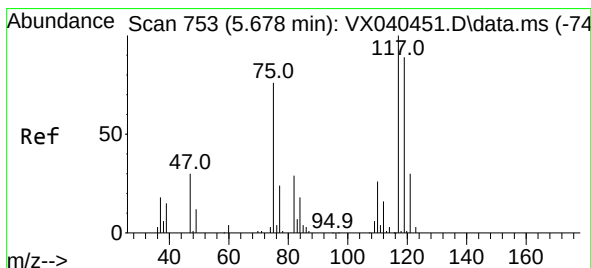
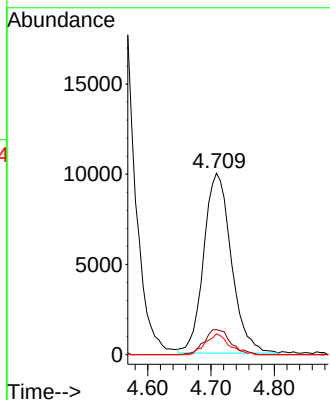
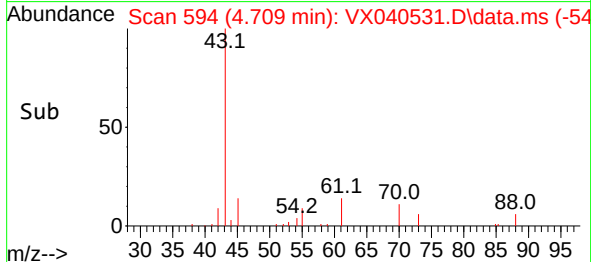
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 43 Resp: 30180
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 9.9 8.3 12.5

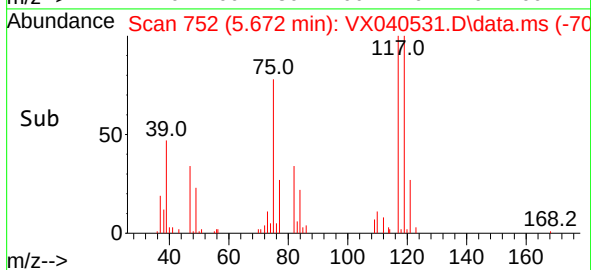
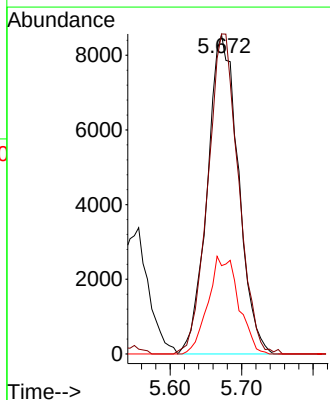
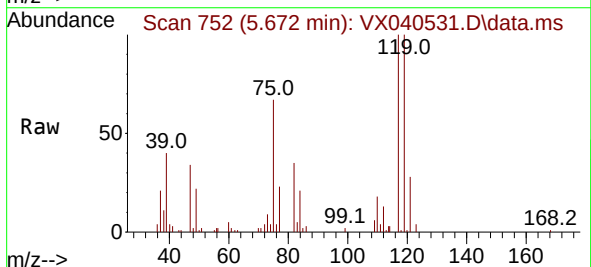
Manual Integrations
APPROVED

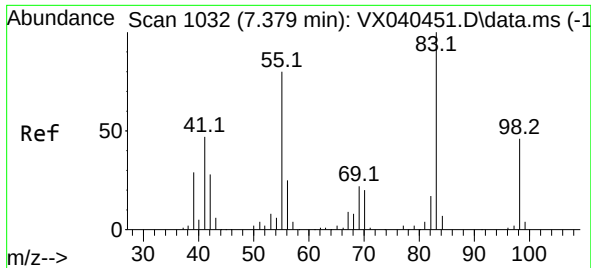
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#38
Carbon Tetrachloride
Concen: 17.103 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:117 Resp: 25750
Ion Ratio Lower Upper
117 100
119 99.4 78.2 117.2
121 27.7 24.4 36.6





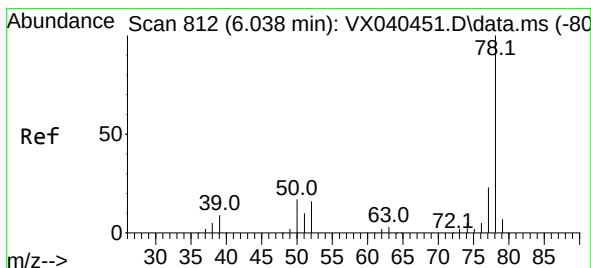
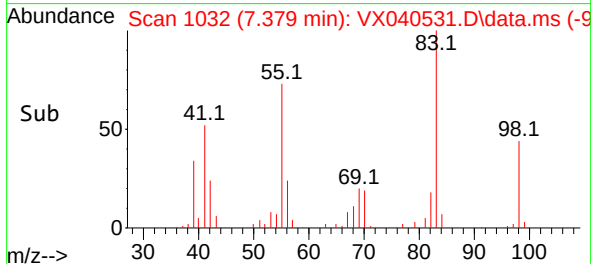
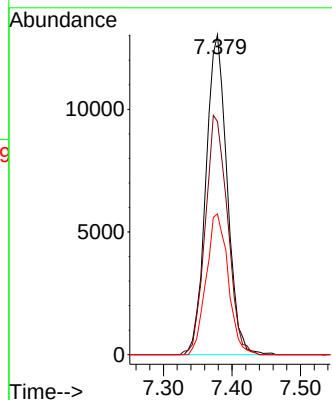
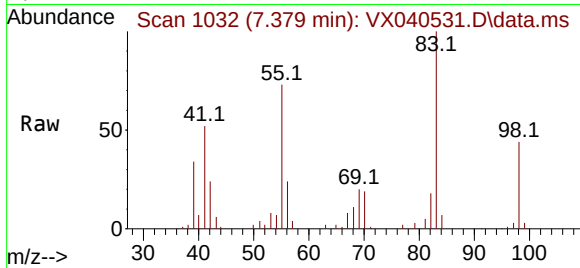
#39
Methylcyclohexane
Concen: 16.676 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 83 Resp: 2805
Ion Ratio Lower Upper
83 100
55 72.9 64.6 97.0
98 44.0 36.7 55.1

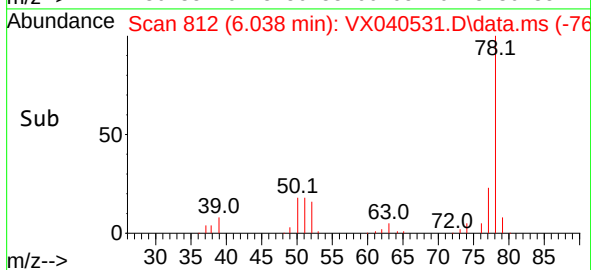
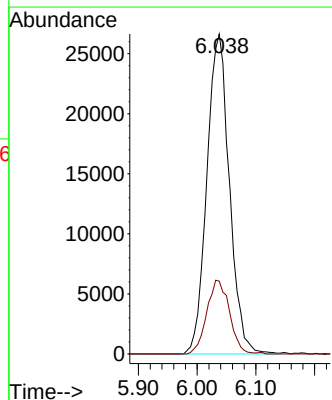
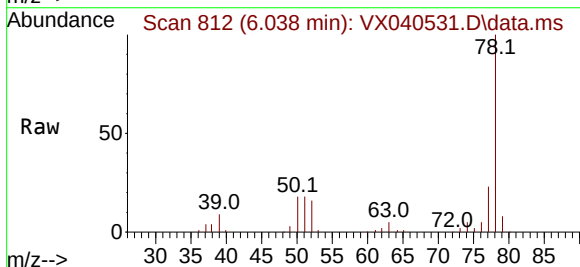
Manual Integrations
APPROVED

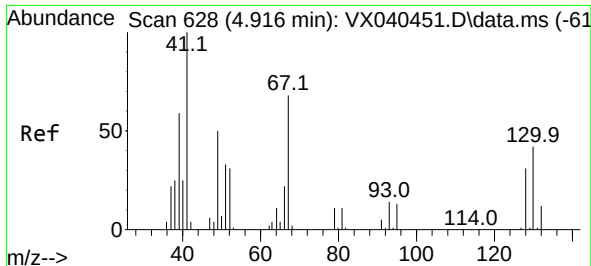
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#40
Benzene
Concen: 16.779 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

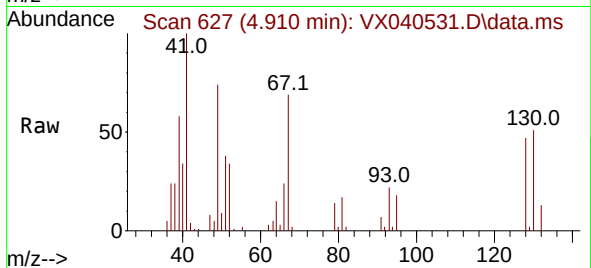
Tgt Ion: 78 Resp: 70798
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 17.347 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

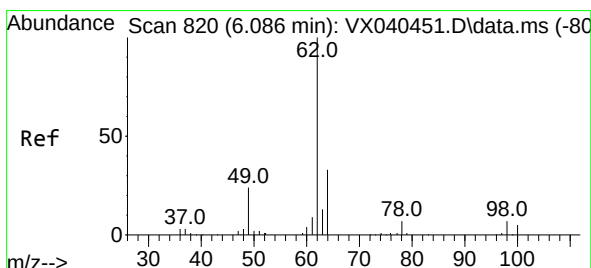
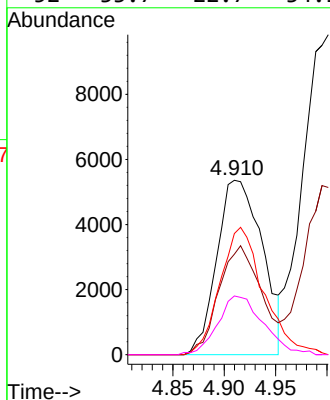
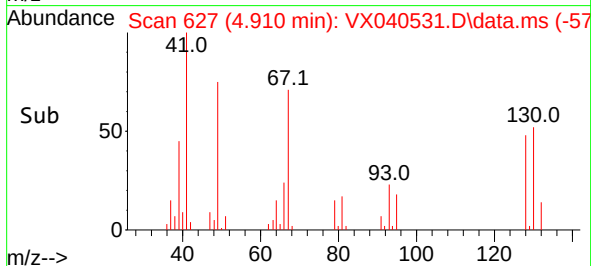
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 41 Resp: 1652
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 70.1 52.6 78.8
52 33.7 22.7 34.1

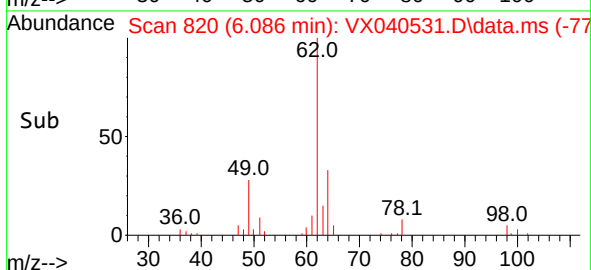
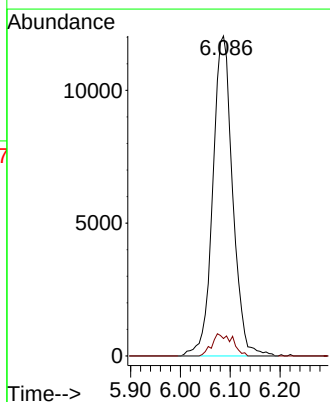
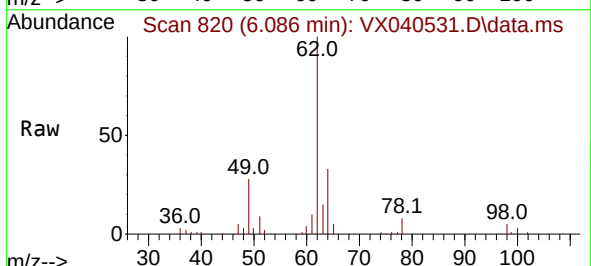
Manual Integrations
APPROVED

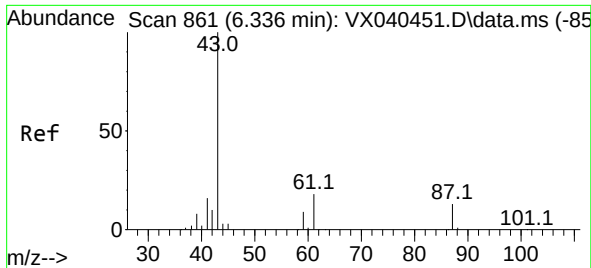
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#42
1,2-Dichloroethane
Concen: 19.082 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 62 Resp: 33325
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.173 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

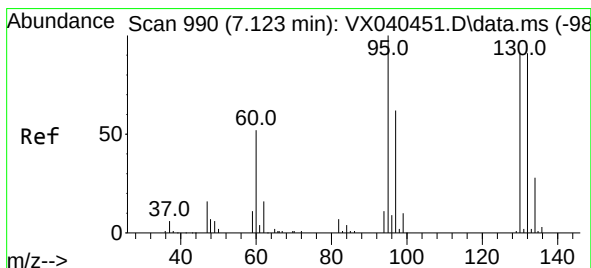
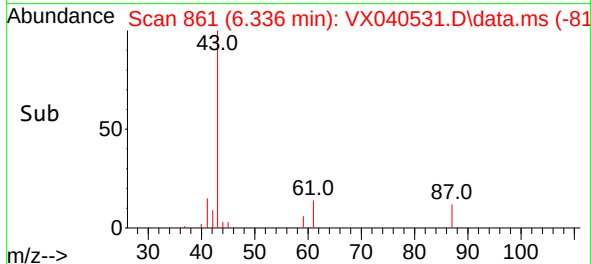
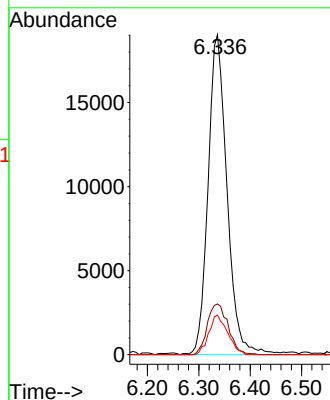
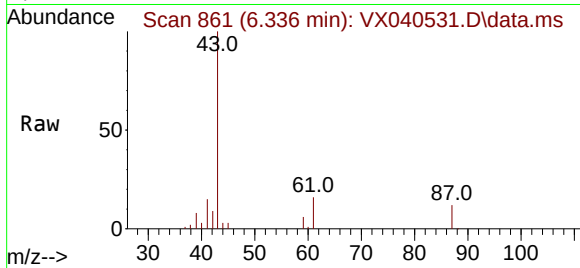
Tgt Ion: 43	Resp: 4863
Ion Ratio	Lower Upper
43	100
61	17.5 15.2 22.8
87	12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#44

Trichloroethene

Concen: 17.351 ug/l

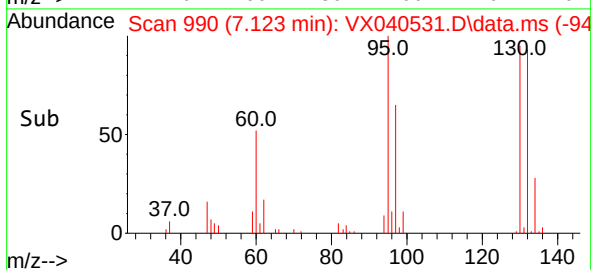
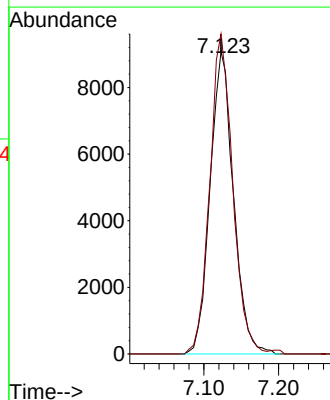
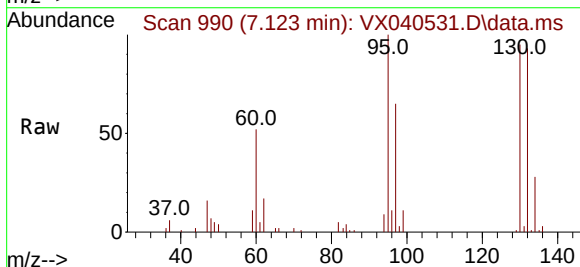
RT: 7.123 min Scan# 990

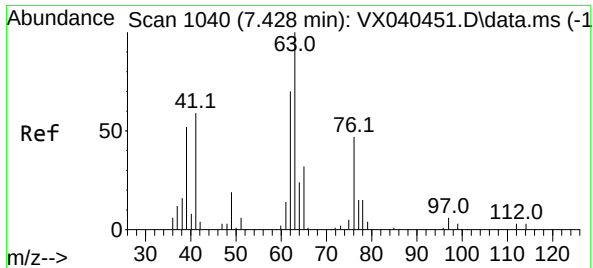
Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Tgt Ion:130	Resp: 19690
Ion Ratio	Lower Upper
130	100
95	105.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 17.434 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion: 63 Resp: 1968

Ion Ratio Lower Upper

63 100

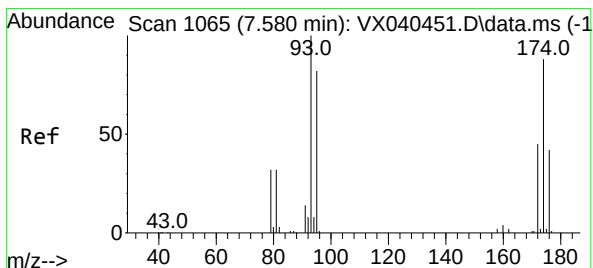
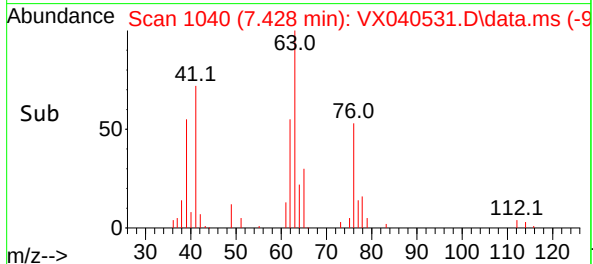
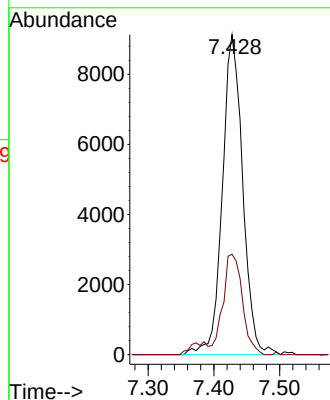
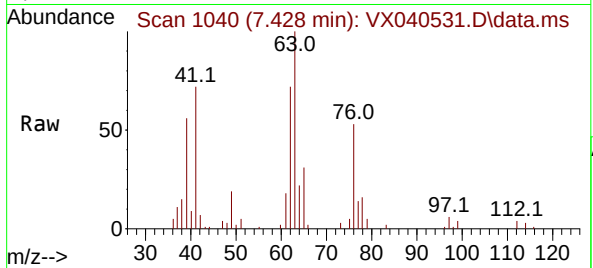
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#46

Dibromomethane

Concen: 17.994 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

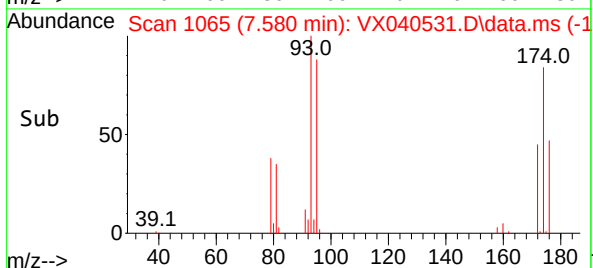
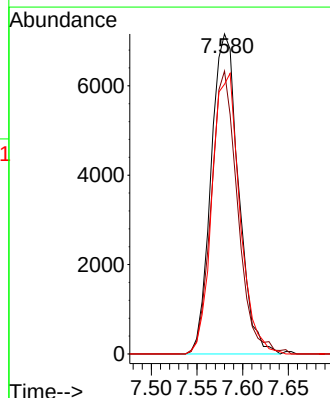
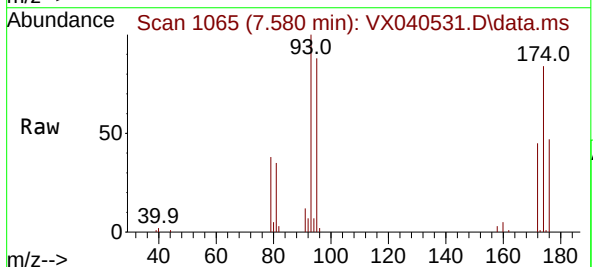
Tgt Ion: 93 Resp: 14939

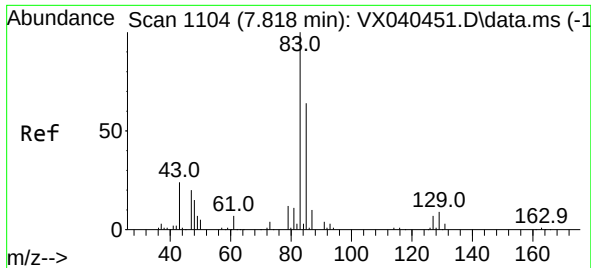
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 88.5 69.4 104.0





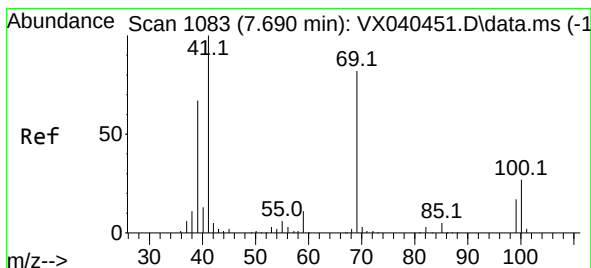
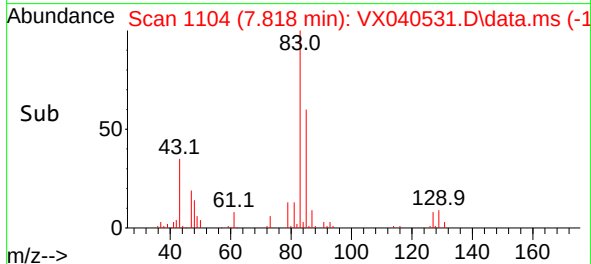
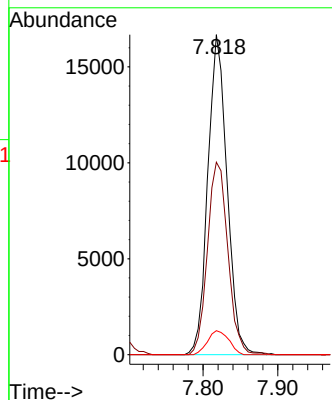
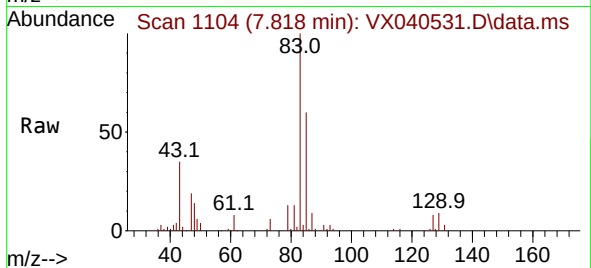
#47
Bromodichloromethane
Concen: 18.231 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 83 Resp: 2980
Ion Ratio Lower Upper
83 100
85 60.1 49.8 74.6
127 7.5 7.1 10.7

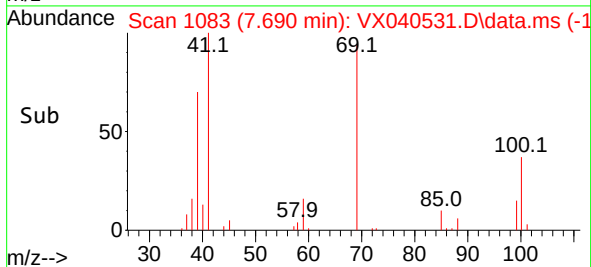
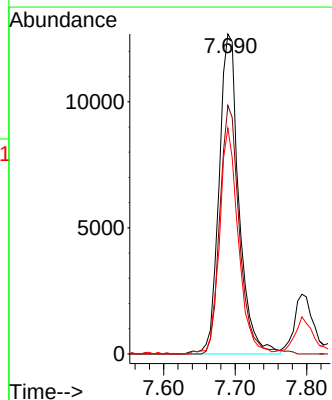
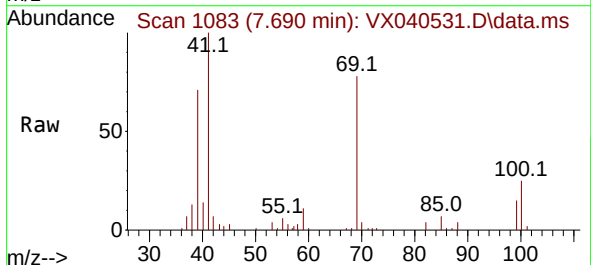
Manual Integrations
APPROVED

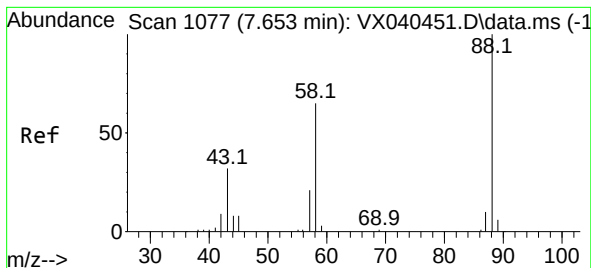
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#48
Methyl methacrylate
Concen: 18.320 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

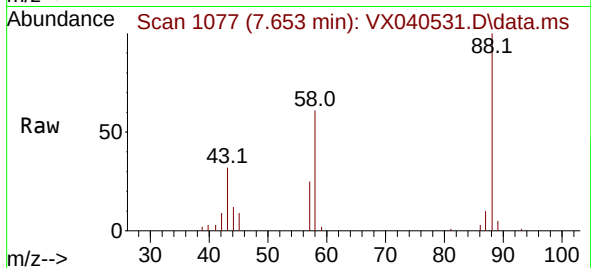
Tgt Ion: 41 Resp: 24506
Ion Ratio Lower Upper
41 100
69 76.7 59.2 88.8
39 67.1 47.7 71.5





#49
1,4-Dioxane
Concen: 389.651 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

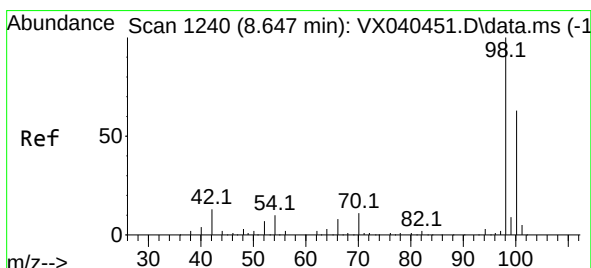
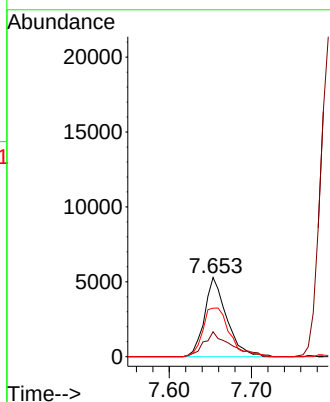
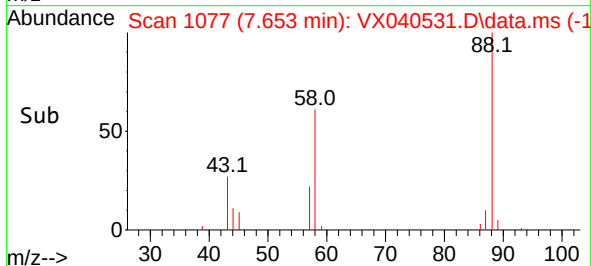
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 88 Resp: 9860
Ion Ratio Lower Upper
88 100
43 37.6 0.0 0.0
58 74.1 60.1 90.1

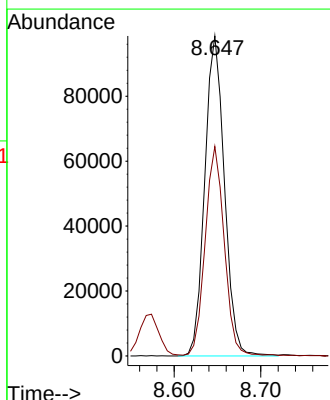
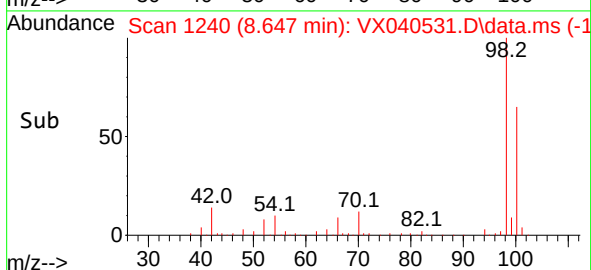
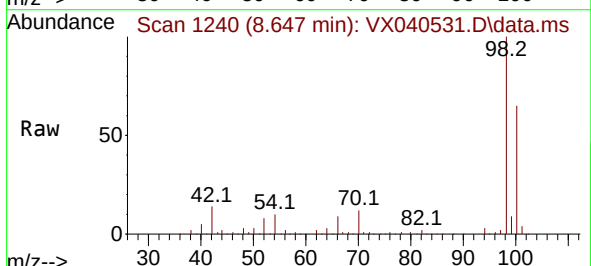
Manual Integrations
APPROVED

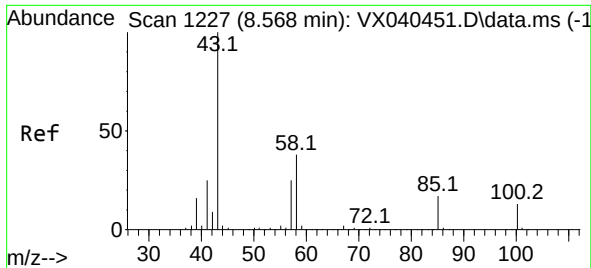
Reviewed By :John Carbone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#50
Toluene-d8
Concen: 42.319 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

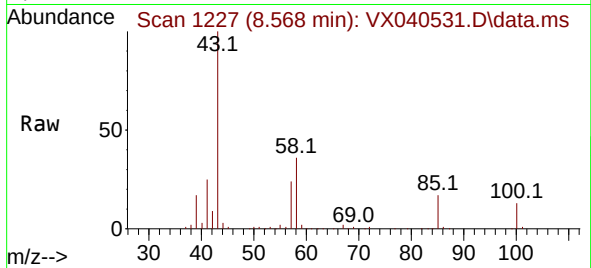
Tgt Ion: 98 Resp: 155387
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 84.769 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

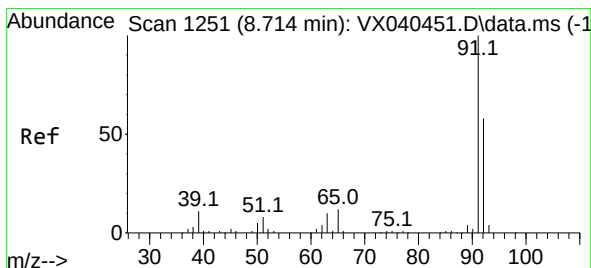
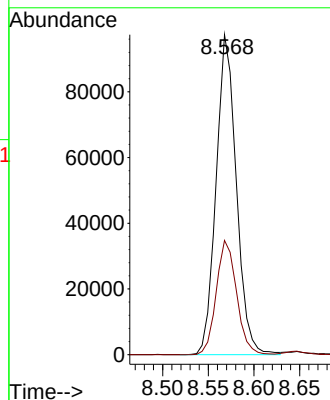
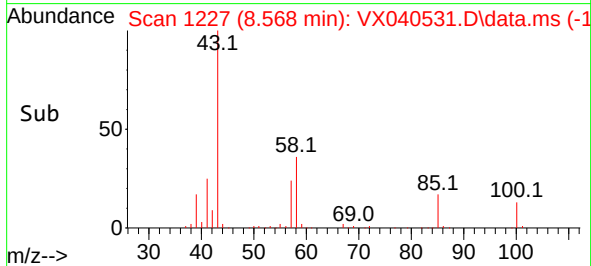
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 43 Resp: 14998
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

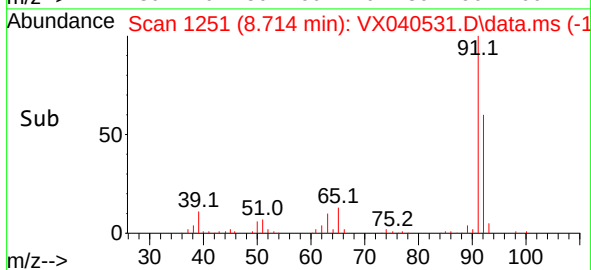
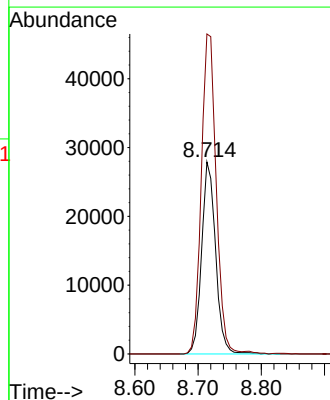
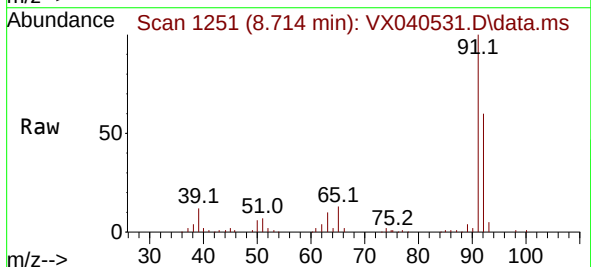
Manual Integrations
APPROVED

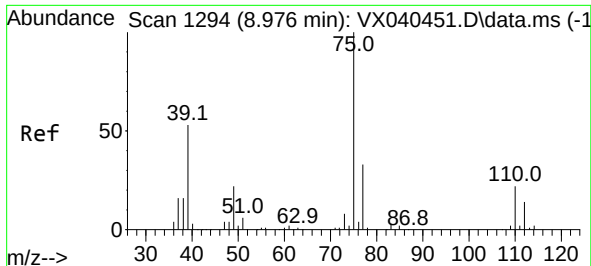
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#52
Toluene
Concen: 16.577 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 92 Resp: 42928
Ion Ratio Lower Upper
92 100
91 178.6 134.2 201.2





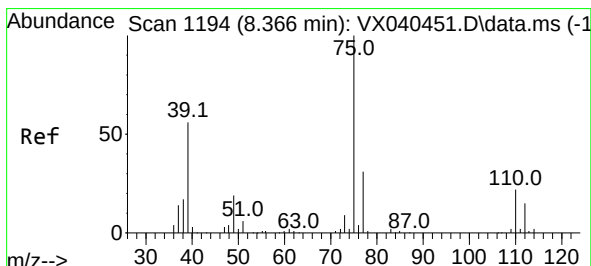
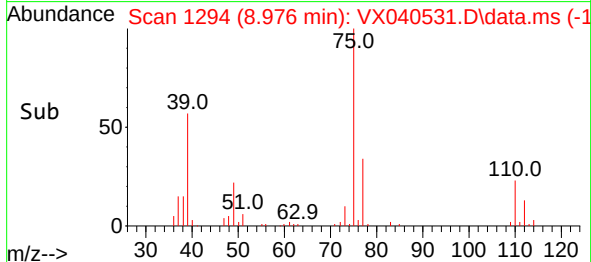
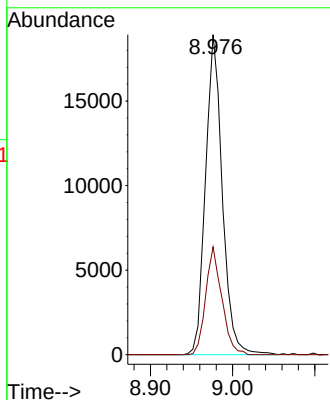
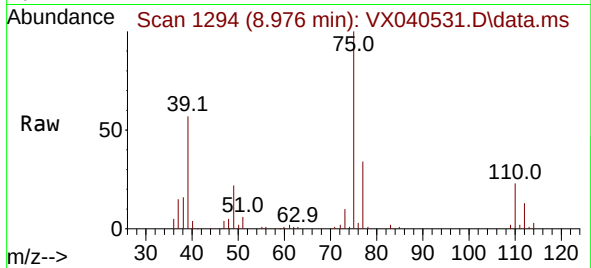
#53
 t-1,3-Dichloropropene
 Concen: 16.216 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS02

Tgt Ion: 75 Resp: 2690
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.7 38.5

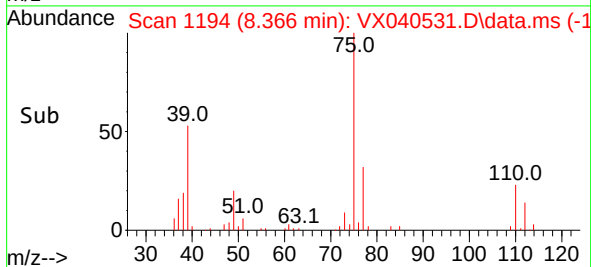
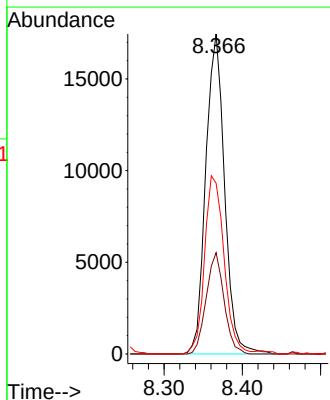
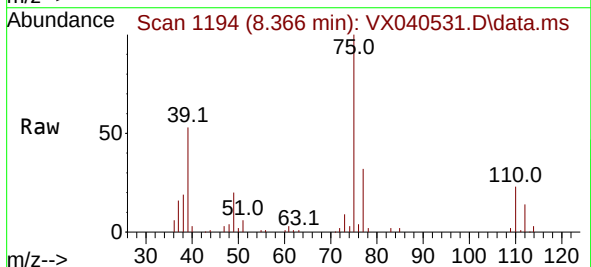
Manual Integrations
 APPROVED

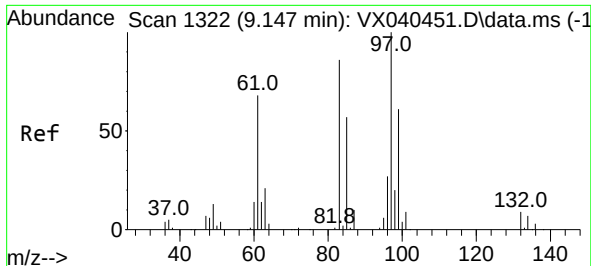
Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#54
 cis-1,3-Dichloropropene
 Concen: 16.323 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

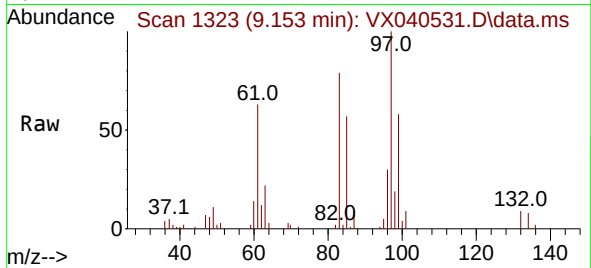
Tgt Ion: 75 Resp: 29107
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 53.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 17.391 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

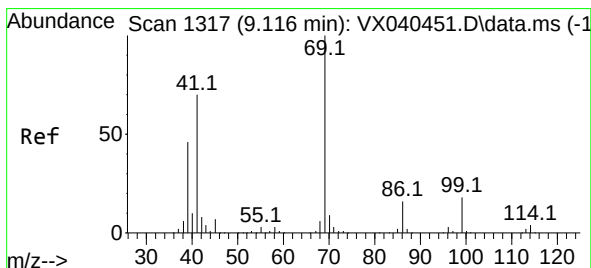
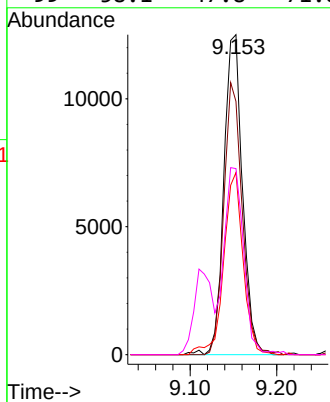
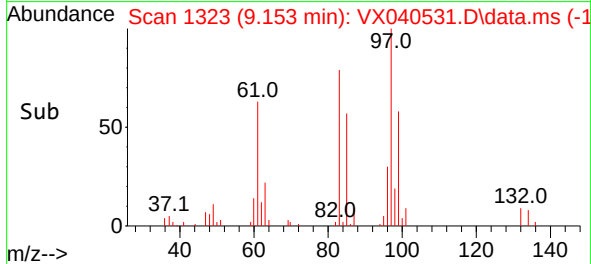
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 97 Resp: 18689
Ion Ratio Lower Upper
97 100
83 79.1 65.8 98.8
85 56.9 41.6 62.4
99 58.1 47.8 71.8

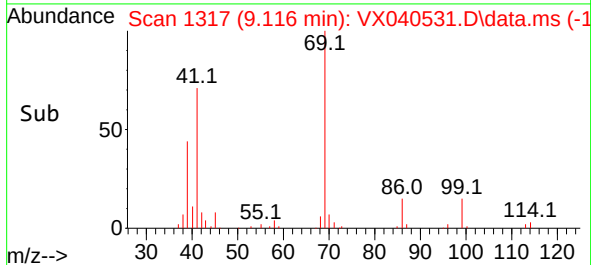
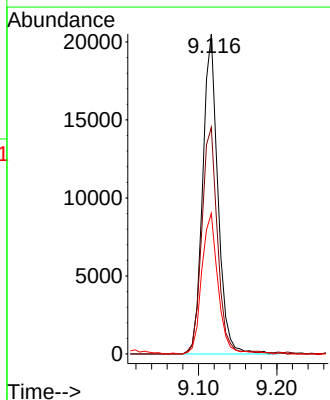
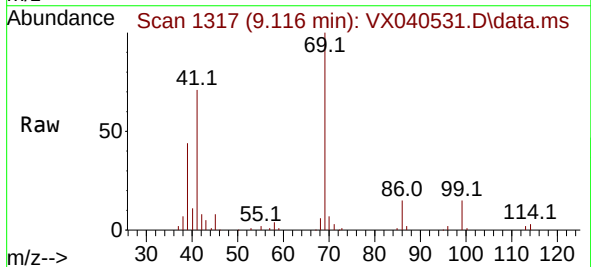
Manual Integrations
APPROVED

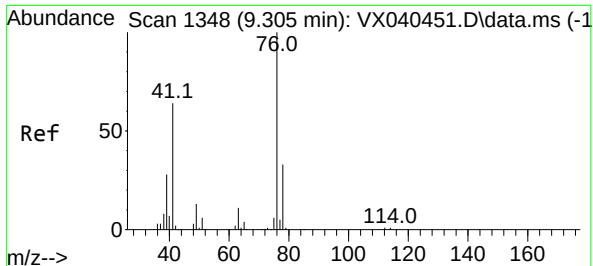
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#56
Ethyl methacrylate
Concen: 16.599 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 69 Resp: 27580
Ion Ratio Lower Upper
69 100
41 74.2 56.8 85.2
39 47.4 32.0 48.0





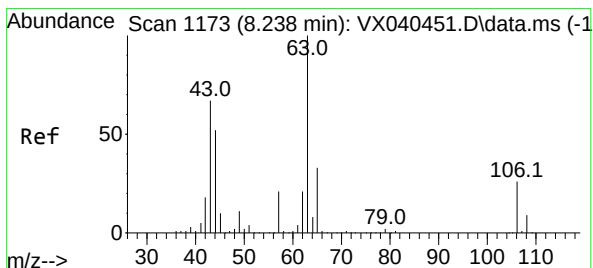
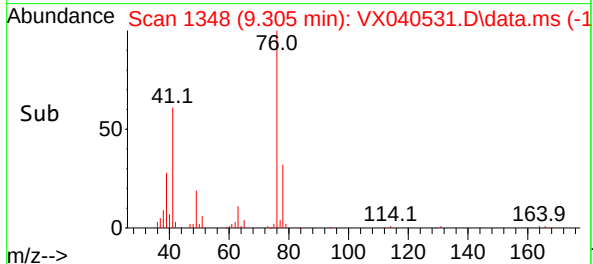
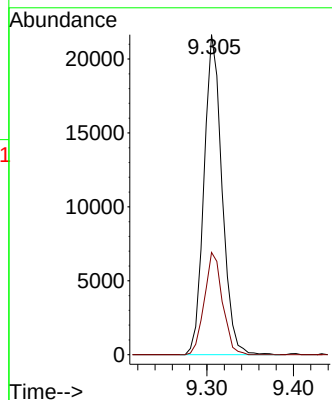
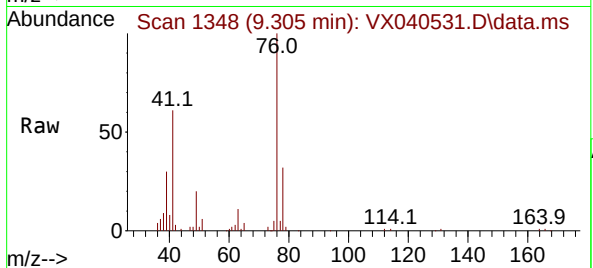
#57
1,3-Dichloropropane
Concen: 16.721 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 76 Resp: 31298
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

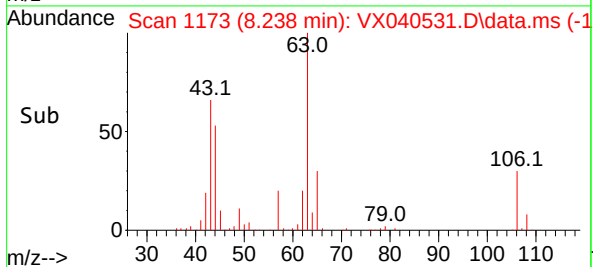
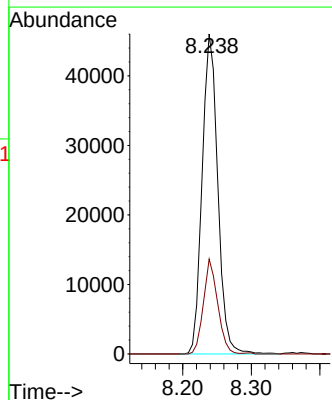
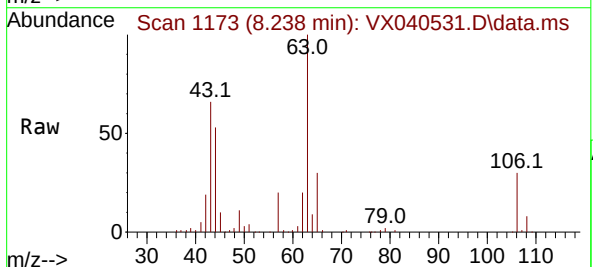
Manual Integrations
APPROVED

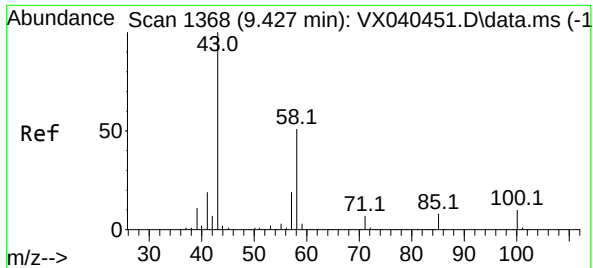
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 84.081 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

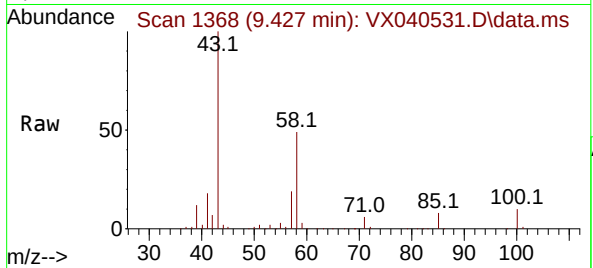
Tgt Ion: 63 Resp: 73252
Ion Ratio Lower Upper
63 100
106 27.0 22.5 33.7





#59
2-Hexanone
Concen: 85.733 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

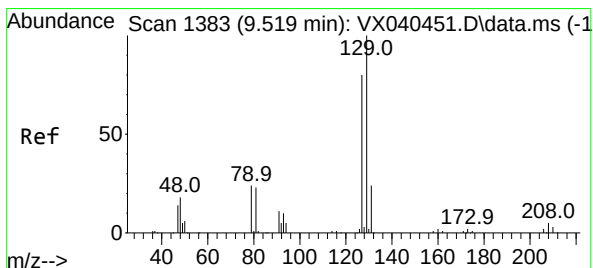
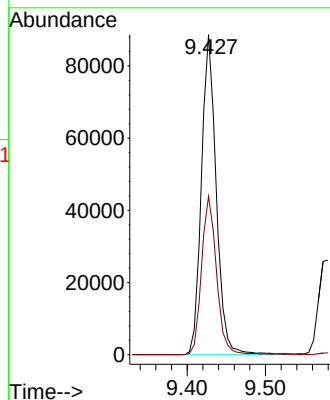
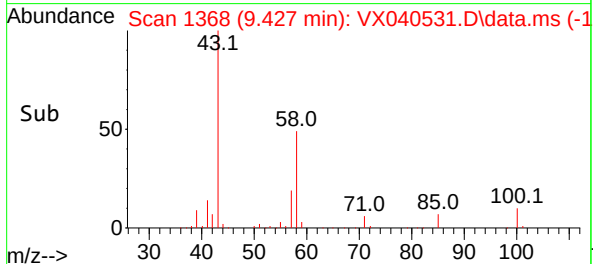
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 43 Resp: 116630
Ion Ratio Lower Upper
43 100
58 49.9 26.2 78.5

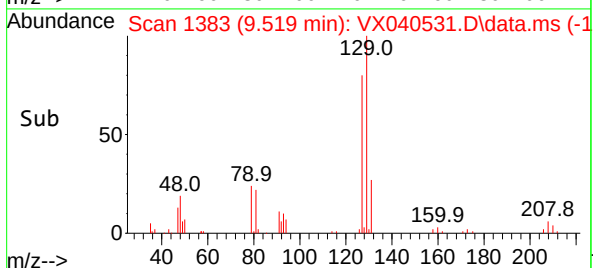
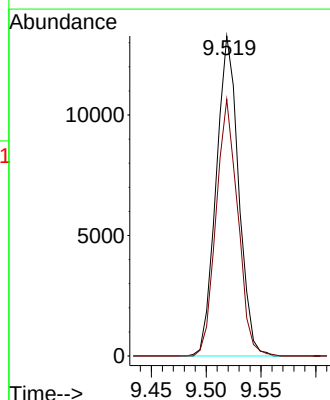
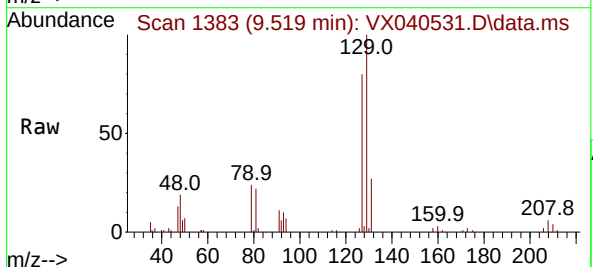
Manual Integrations
APPROVED

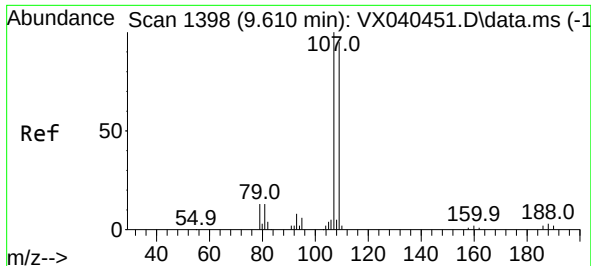
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#60
Dibromochloromethane
Concen: 16.214 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

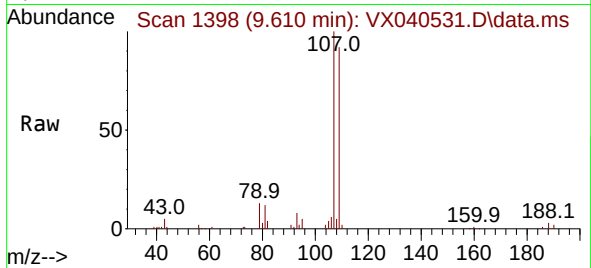
Tgt Ion:129 Resp: 18926
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 16.740 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

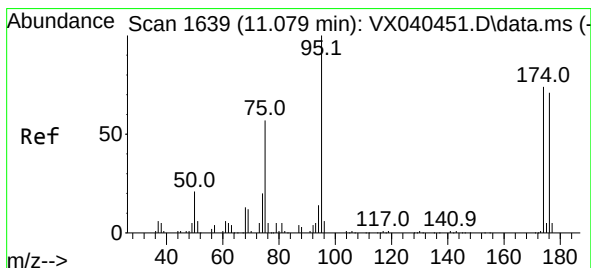
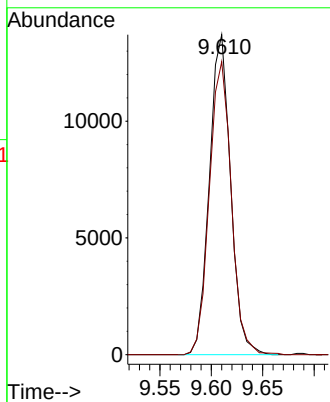
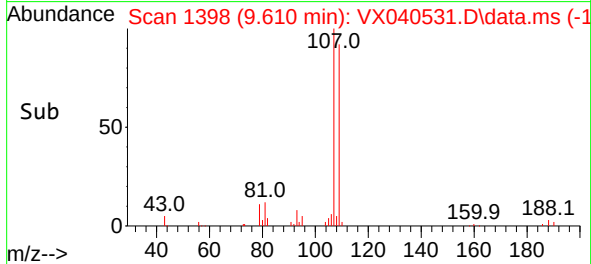
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion:107 Resp: 1963
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

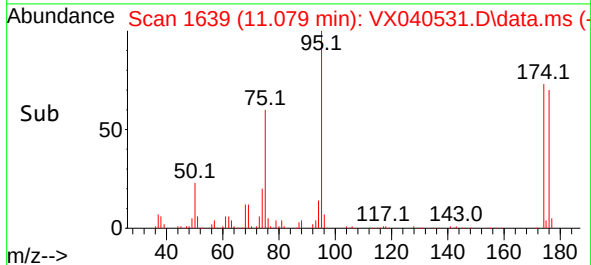
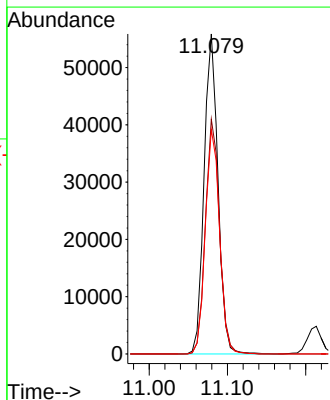
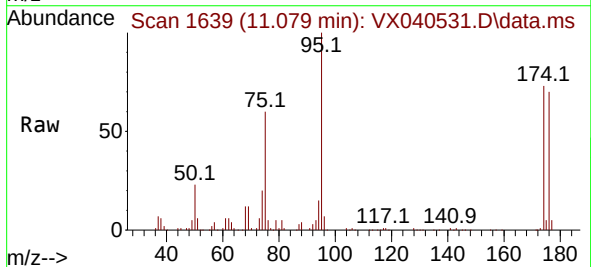
Manual Integrations
APPROVED

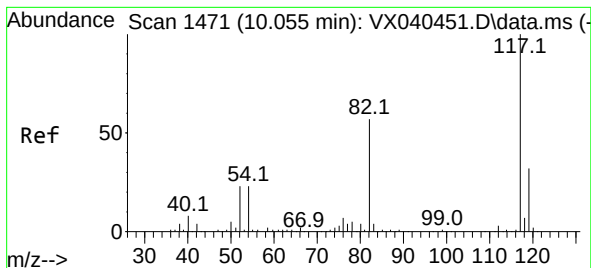
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#62
4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

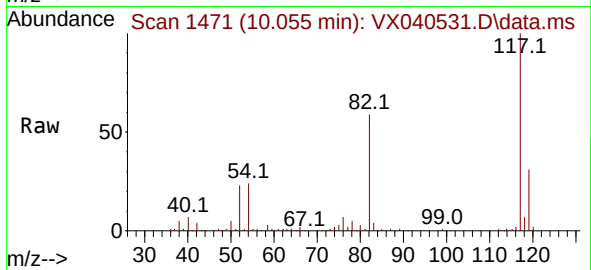
Tgt Ion: 95 Resp: 68630
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

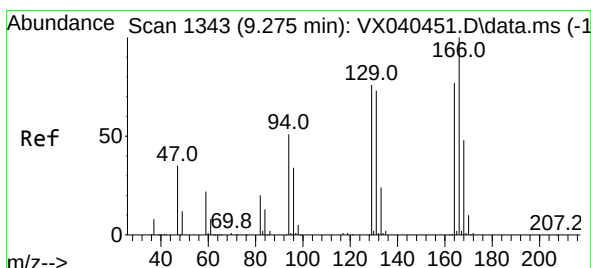
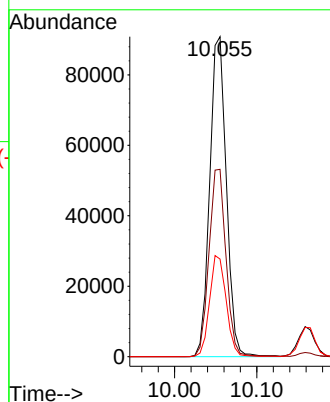
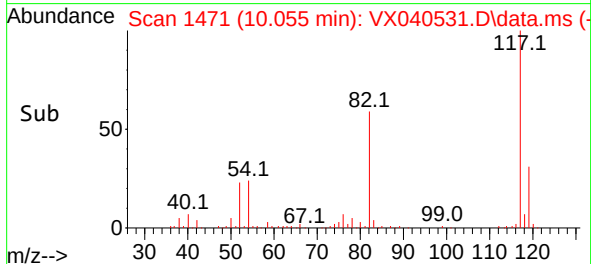
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion:117 Resp: 127469
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 30.5 25.5 38.3

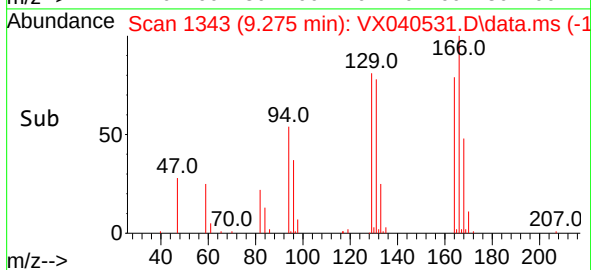
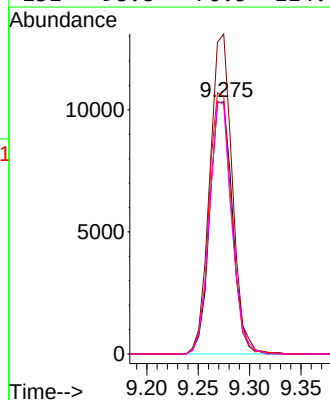
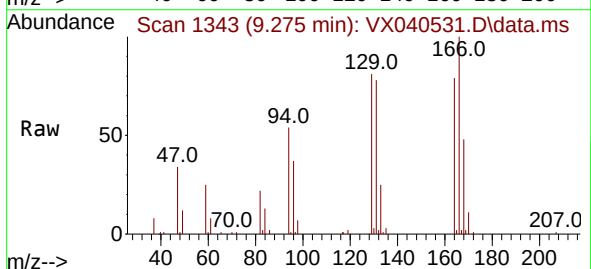
Manual Integrations
APPROVED

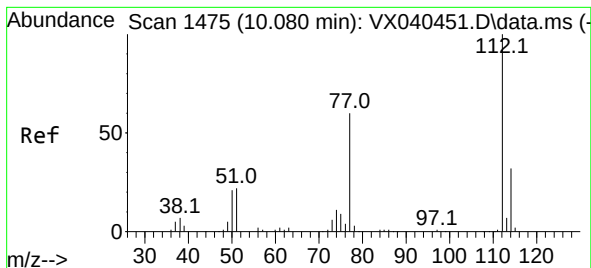
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#64
Tetrachloroethene
Concen: 17.780 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:164 Resp: 15911
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 102.2 80.4 120.6
131 98.8 76.5 114.7





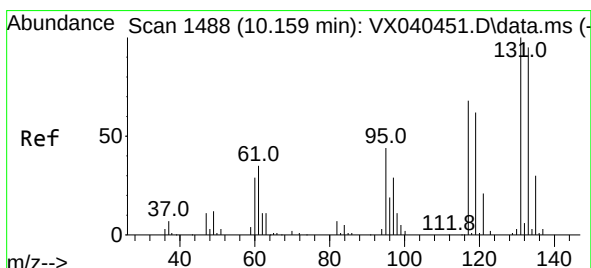
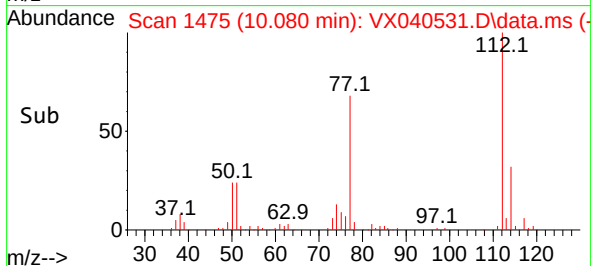
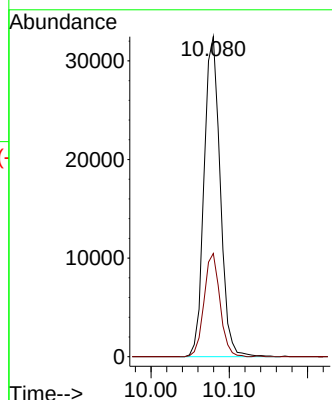
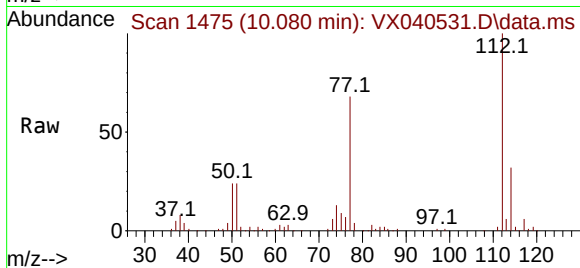
#65
Chlorobenzene
Concen: 17.096 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion:112 Resp: 46352
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

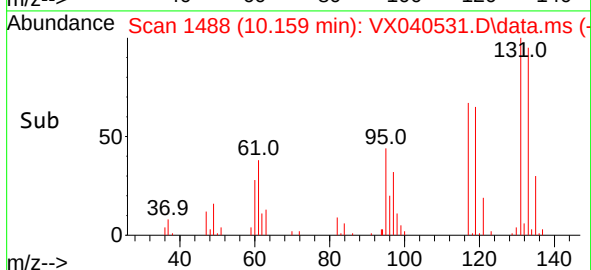
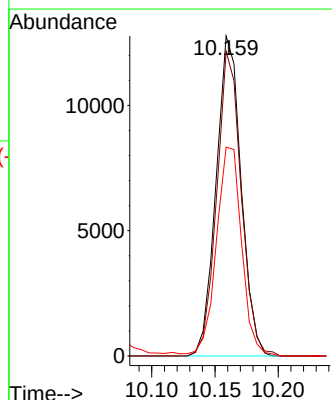
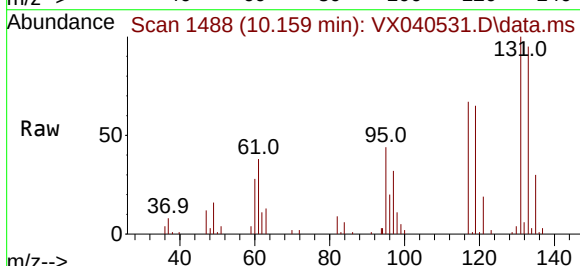
Manual Integrations
APPROVED

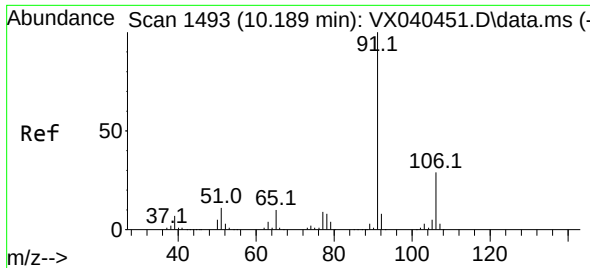
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.309 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:131 Resp: 17494
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 66.1 32.2 96.6





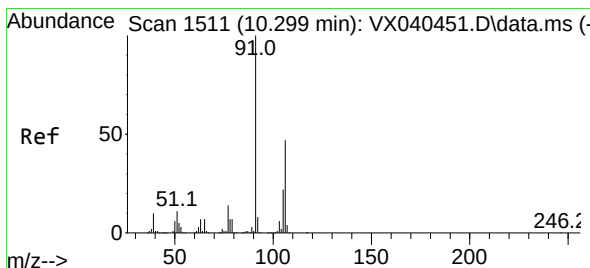
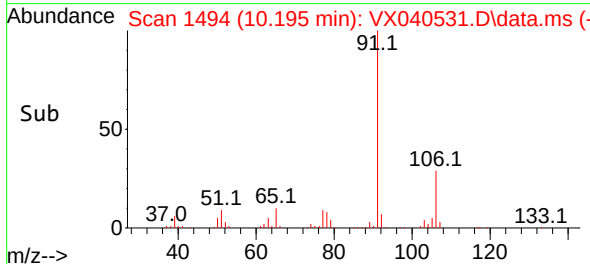
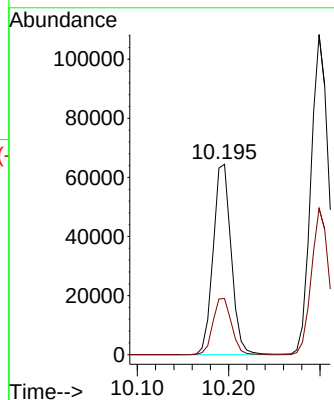
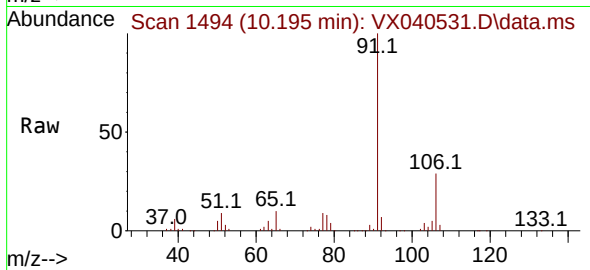
#67
Ethyl Benzene
Concen: 17.808 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 91 Resp: 88384
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

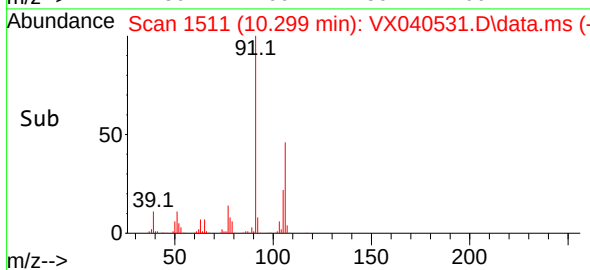
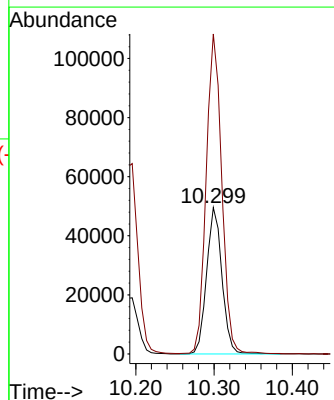
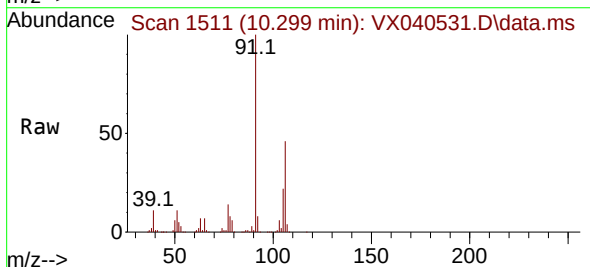
Manual Integrations
APPROVED

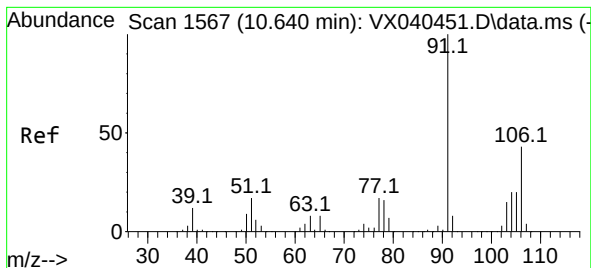
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#68
m/p-Xylenes
Concen: 36.316 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:106 Resp: 67306
Ion Ratio Lower Upper
106 100
91 221.6 165.5 248.3





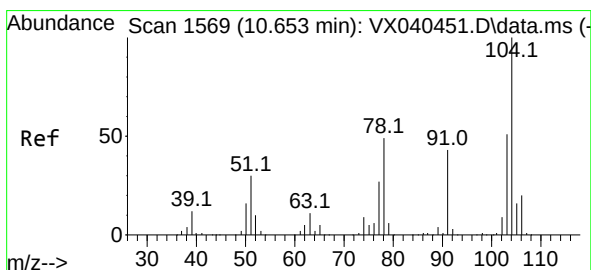
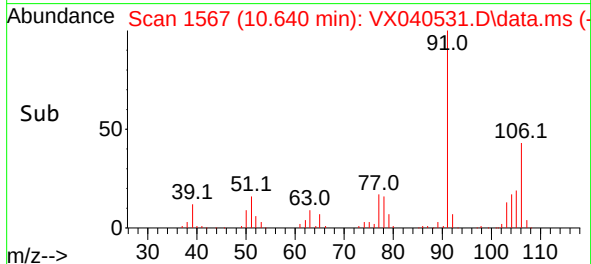
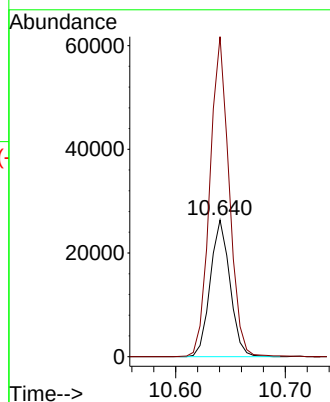
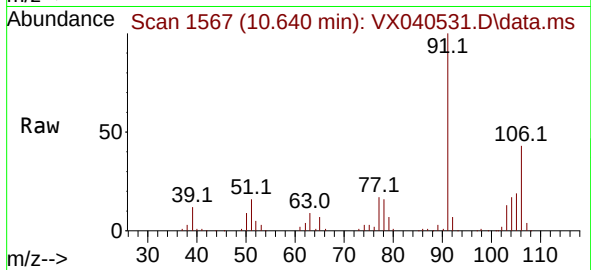
#69
o-Xylene
Concen: 18.575 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion:106 Resp: 3292
Ion Ratio Lower Upper
106 100
91 229.8 108.9 326.8

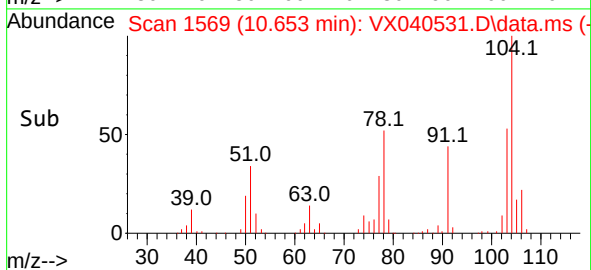
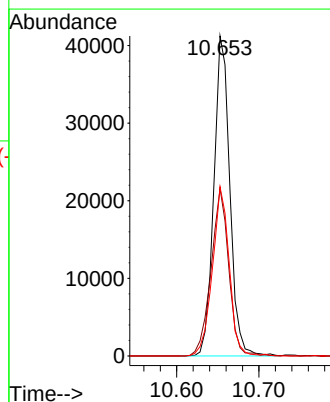
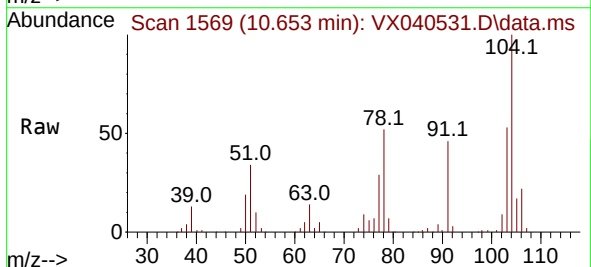
Manual Integrations
APPROVED

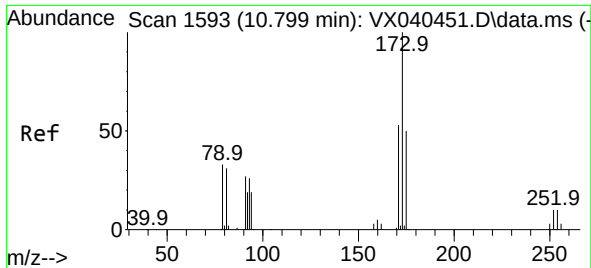
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#70
Styrene
Concen: 18.860 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

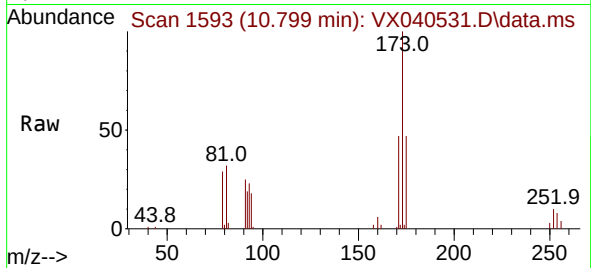
Tgt Ion:104 Resp: 55730
Ion Ratio Lower Upper
104 100
78 57.8 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 19.180 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

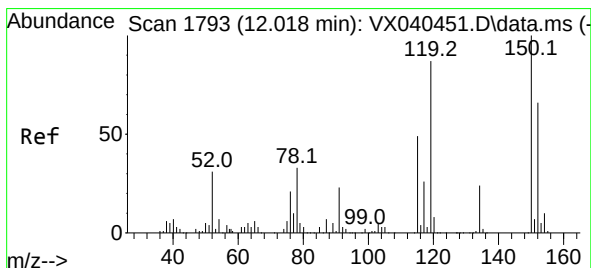
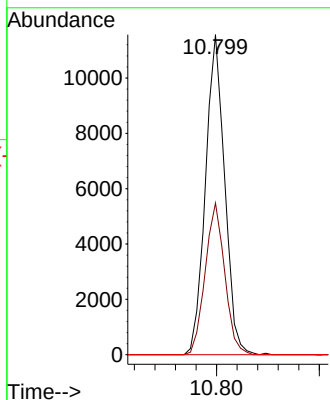
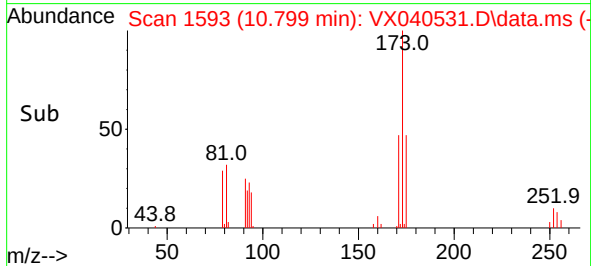
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion:173 Resp: 1500
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

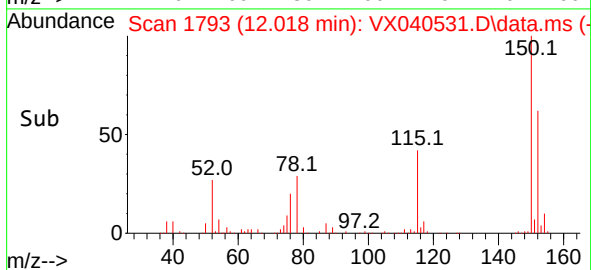
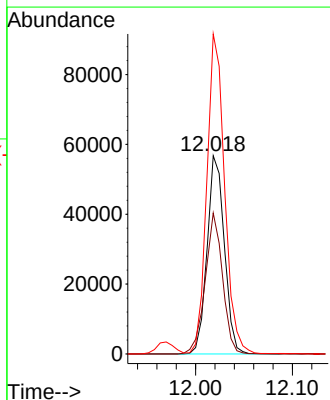
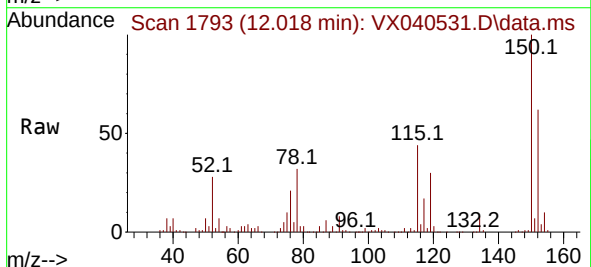
Manual Integrations
APPROVED

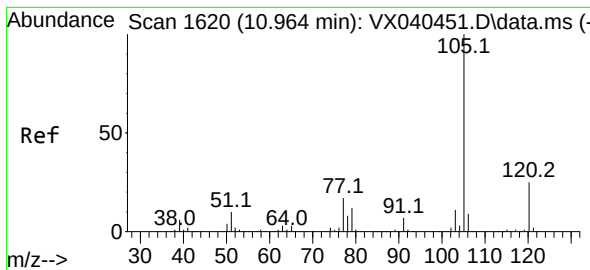
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:152 Resp: 70547
Ion Ratio Lower Upper
152 100
115 71.3 43.3 129.9
150 165.5 0.0 345.0





#73

Isopropylbenzene

Concen: 17.242 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

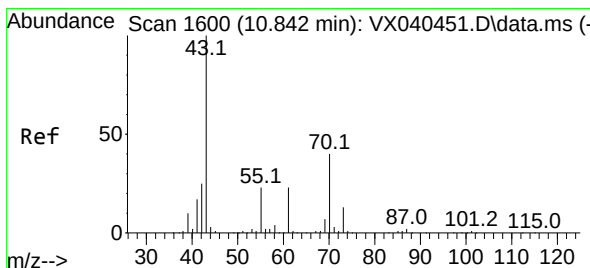
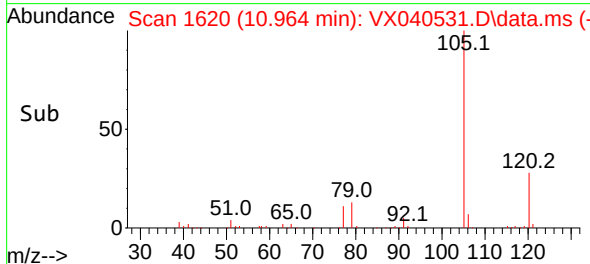
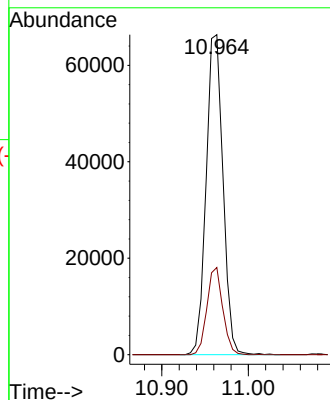
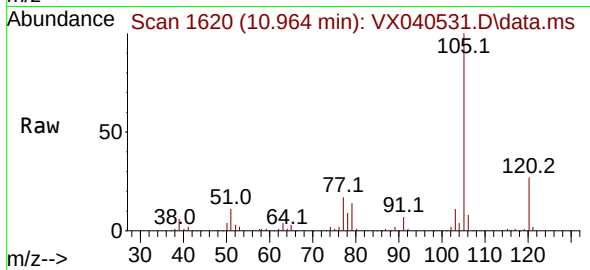
Tgt Ion:105 Resp: 89579
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#74

N-ethyl acetate

Concen: 17.153 ug/l

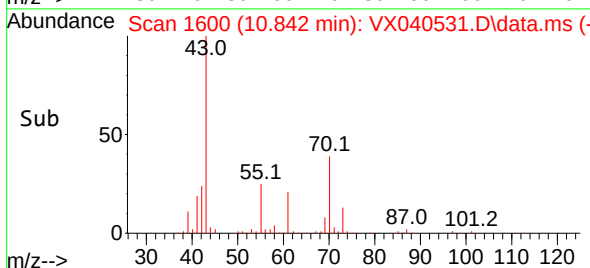
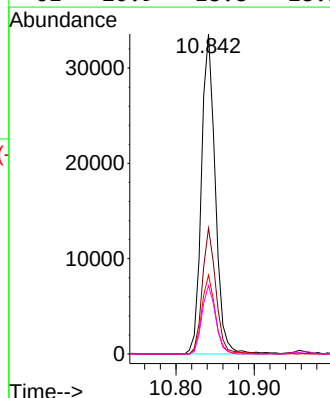
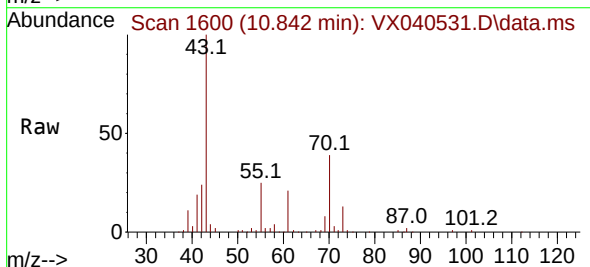
RT: 10.842 min Scan# 1600

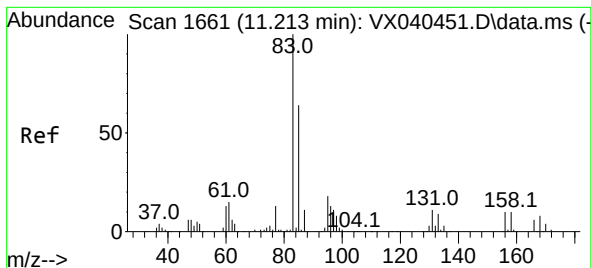
Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

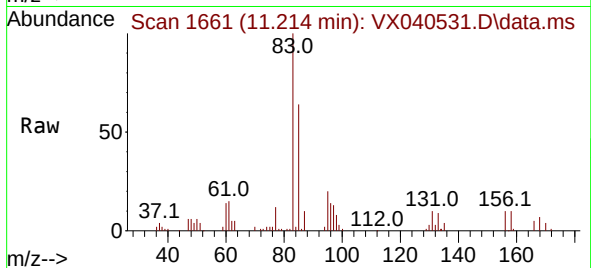
Tgt Ion: 43 Resp: 41390
 Ion Ratio Lower Upper
 43 100
 70 38.2 32.9 49.3
 55 24.0 19.3 28.9
 61 20.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.329 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

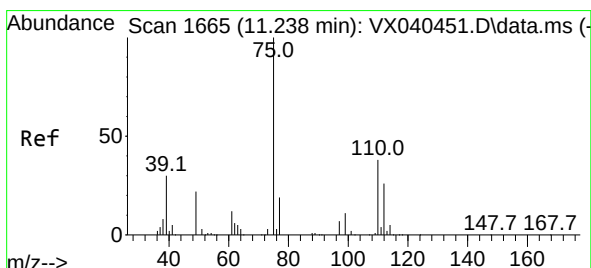
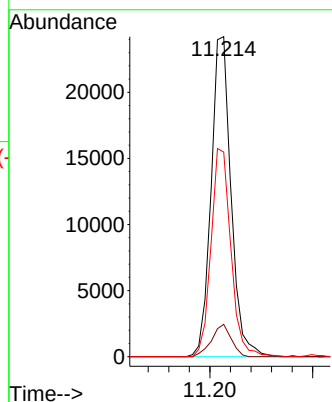
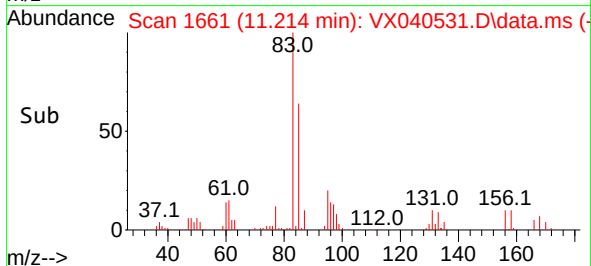
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 83 Resp: 32560
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.8 32.0 96.2

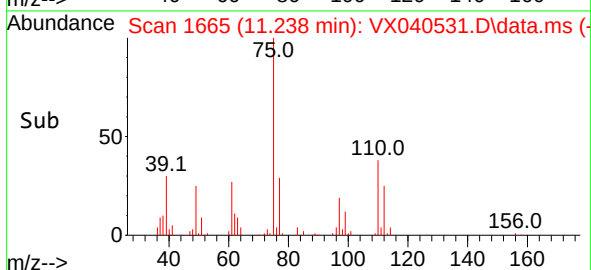
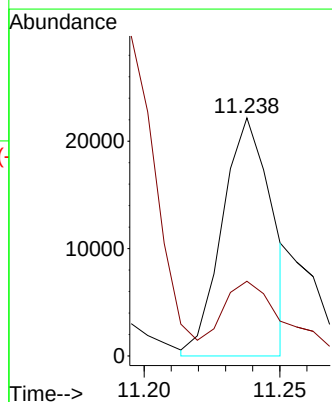
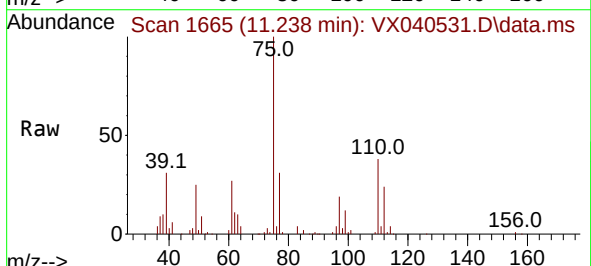
Manual Integrations
APPROVED

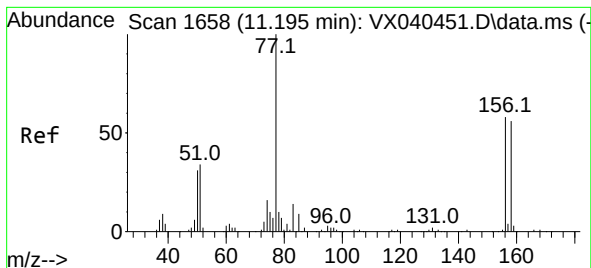
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#76
1,2,3-Trichloropropane
Concen: 18.147 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 75 Resp: 28175
Ion Ratio Lower Upper
75 100
77 40.2 19.1 57.5





#77

Bromobenzene

Concen: 17.377 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

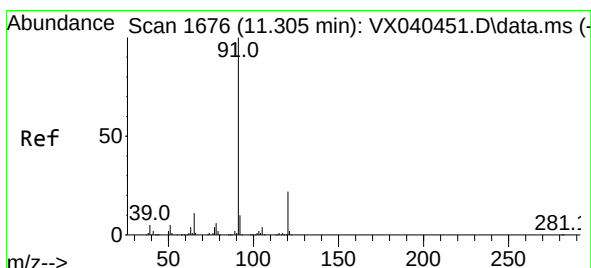
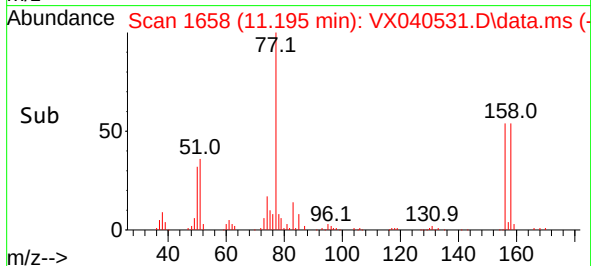
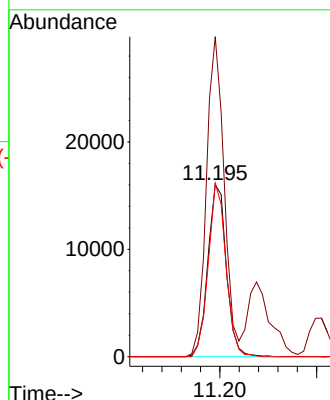
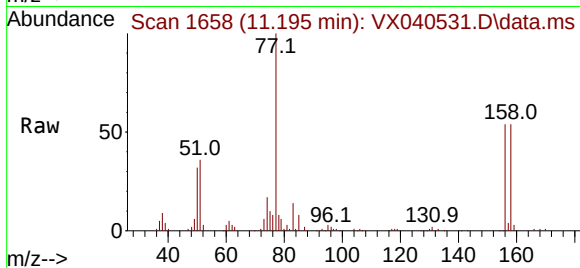
Tgt Ion:	156	Resp:	2134
Ion Ratio	Lower	Upper	
156	100		
77	177.0	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#78

n-propylbenzene

Concen: 17.290 ug/l

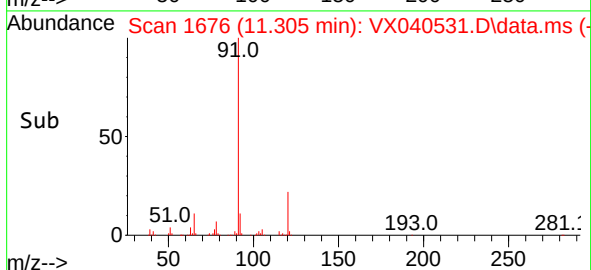
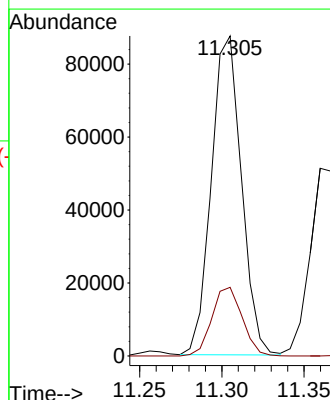
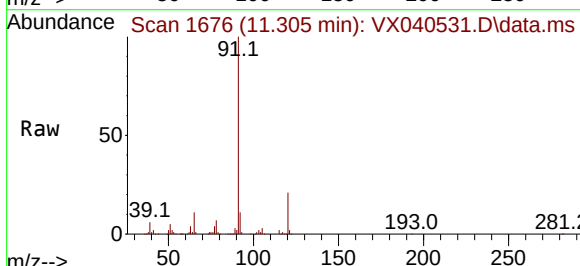
RT: 11.305 min Scan# 1676

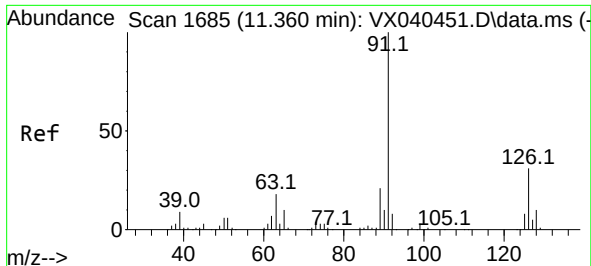
Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Tgt Ion:	91	Resp:	111426
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.5	34.4





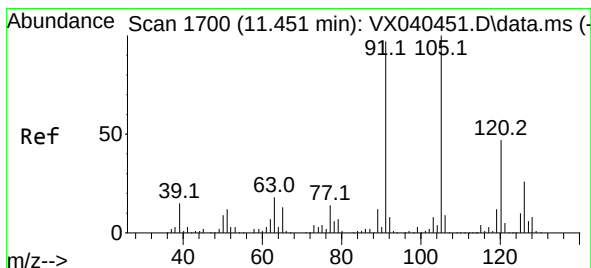
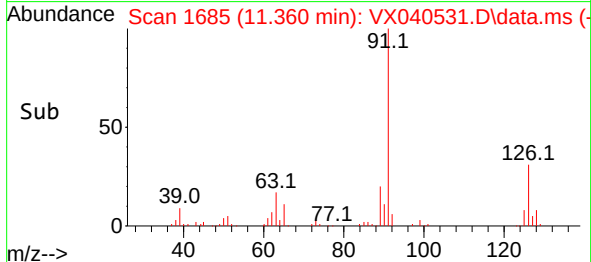
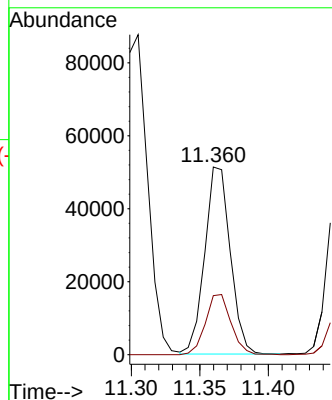
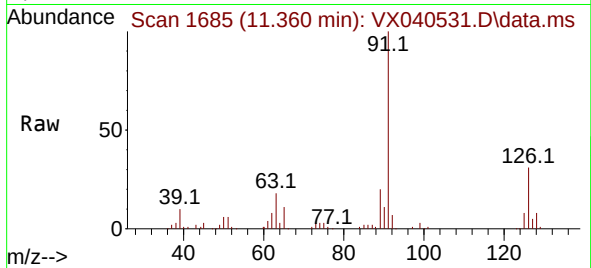
#79
2-Chlorotoluene
Concen: 17.115 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion: 91 Resp: 6639
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

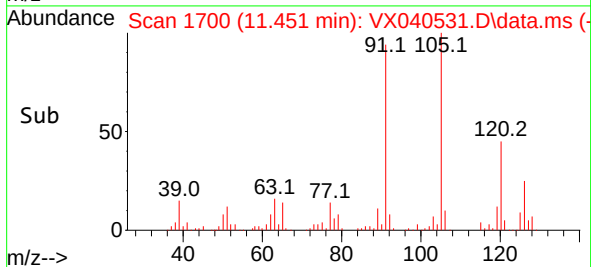
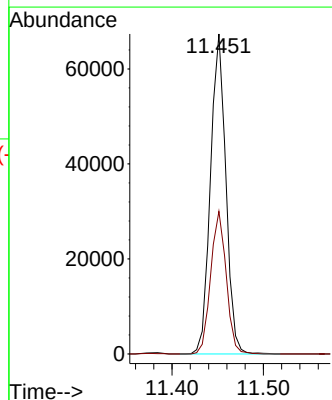
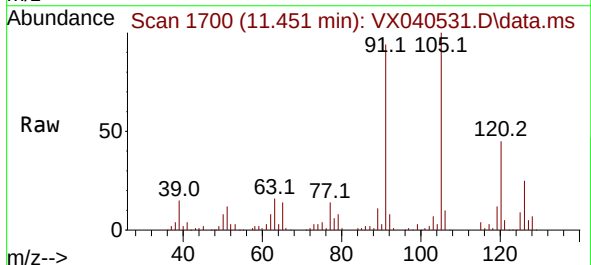
Manual Integrations
APPROVED

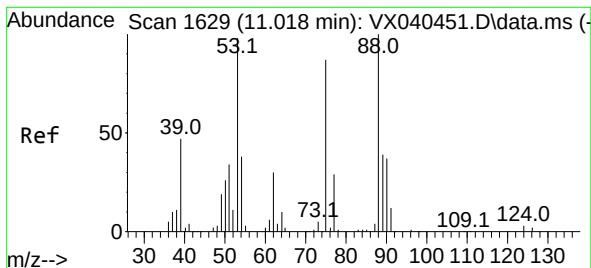
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.826 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

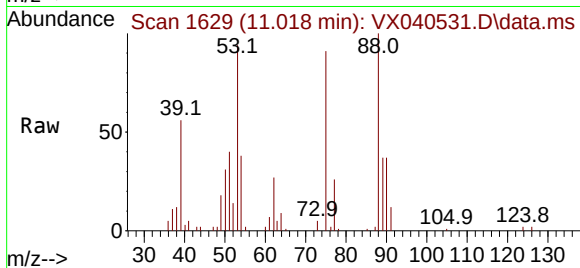
Tgt Ion:105 Resp: 78766
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.029 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

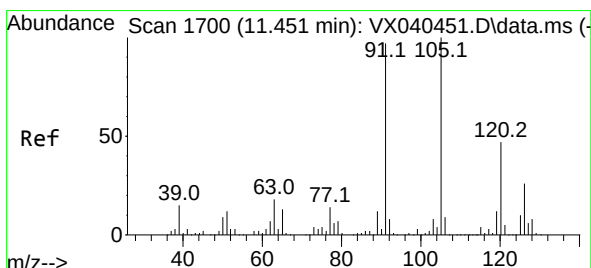
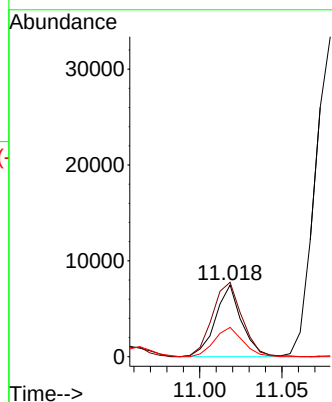
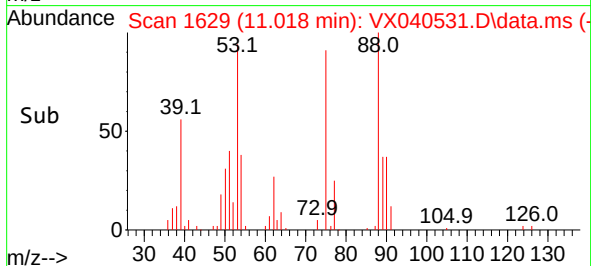
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 75 Resp: 8280
Ion Ratio Lower Upper
75 100
53 118.0 90.5 135.7
89 44.3 36.9 55.3

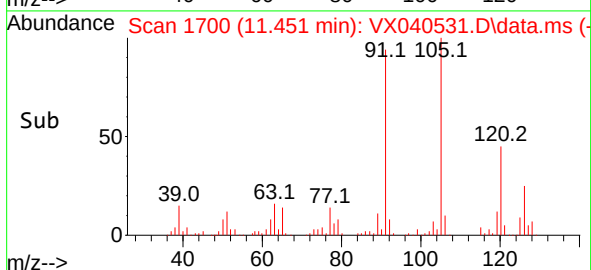
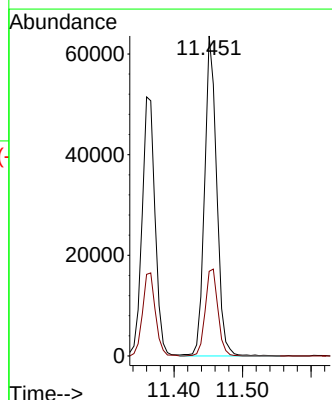
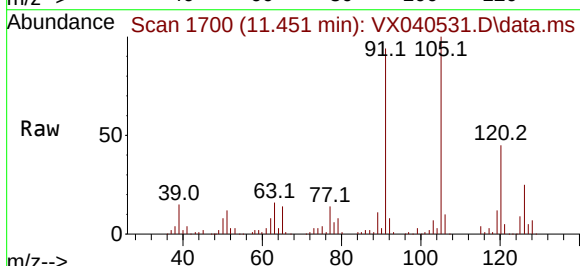
Manual Integrations
APPROVED

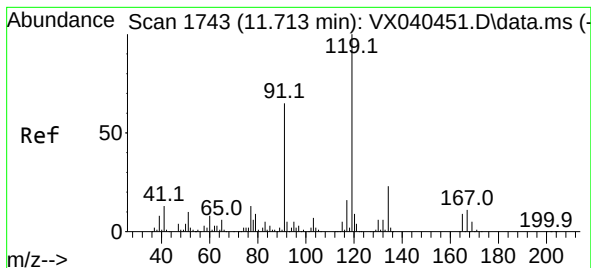
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#82
4-Chlorotoluene
Concen: 17.461 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion: 91 Resp: 78331
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.030 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion:119 Resp: 7094

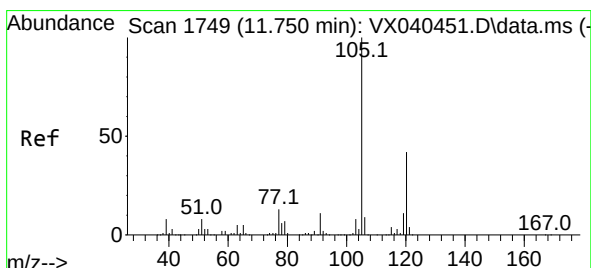
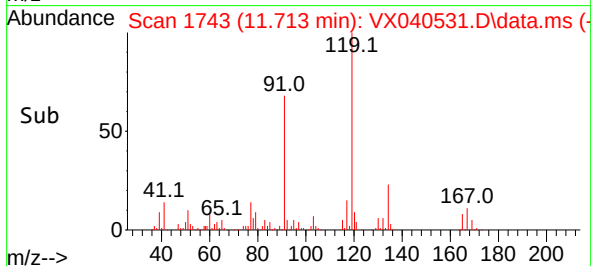
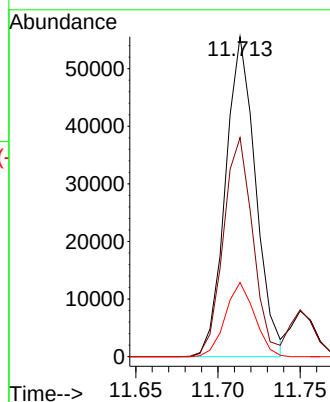
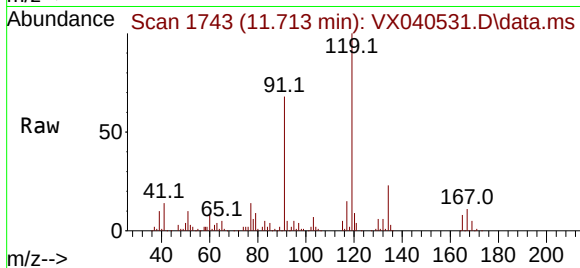
Ion	Ratio	Lower	Upper
119	100		
91	67.5	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 17.618 ug/l

RT: 11.750 min Scan# 1749

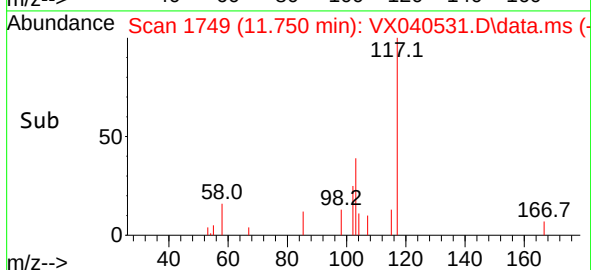
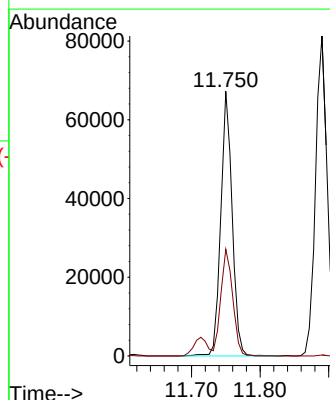
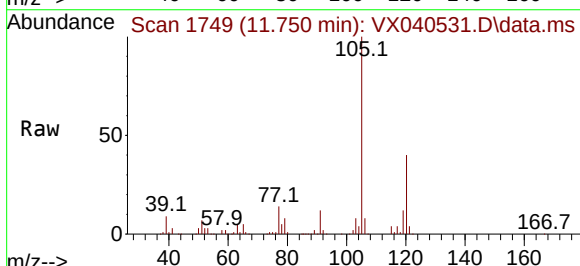
Delta R.T. 0.000 min

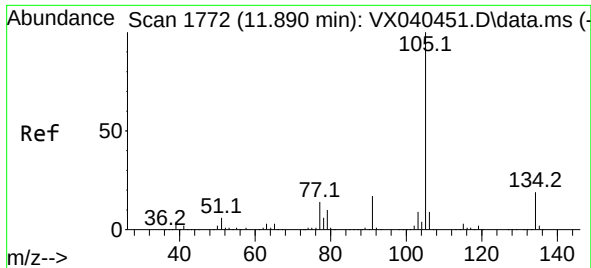
Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Tgt Ion:105 Resp: 77238

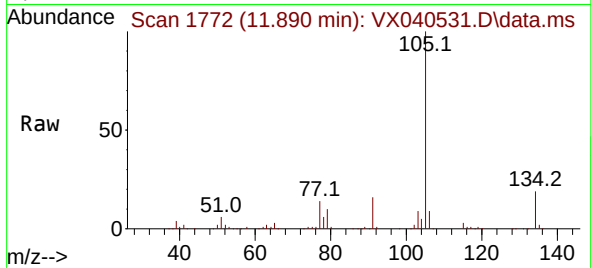
Ion	Ratio	Lower	Upper
105	100		
120	41.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 17.590 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

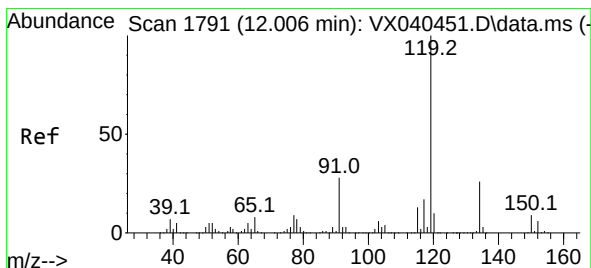
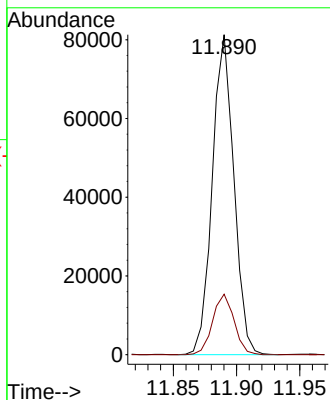
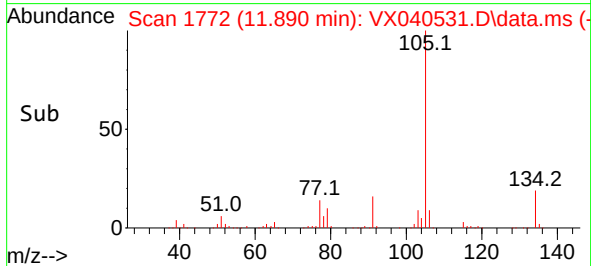
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS02



Tgt Ion:105 Resp: 96262
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

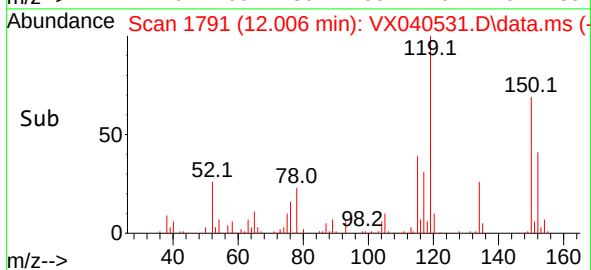
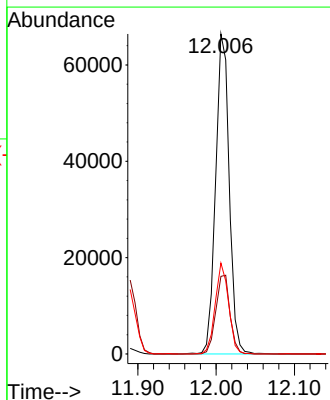
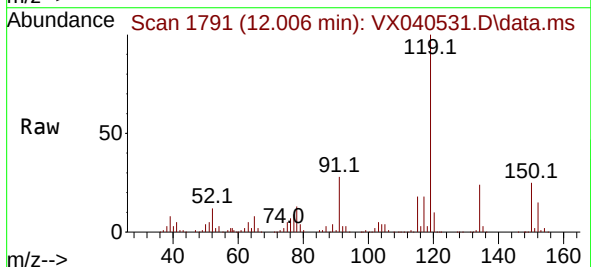
Manual Integrations
 APPROVED

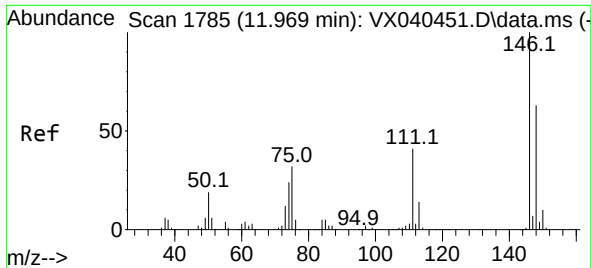
Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#86
 p-Isopropyltoluene
 Concen: 17.812 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040531.D
 Acq: 29 Feb 2024 12:56

Tgt Ion:119 Resp: 80349
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 16.663 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

Tgt Ion:146 Resp: 40802

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

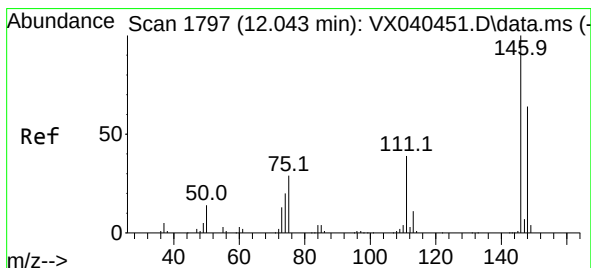
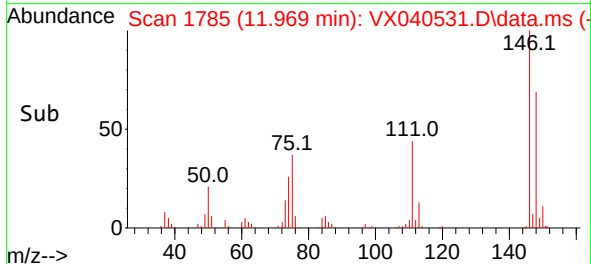
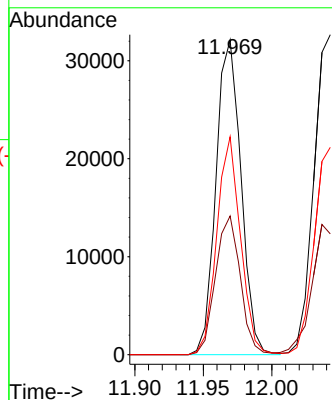
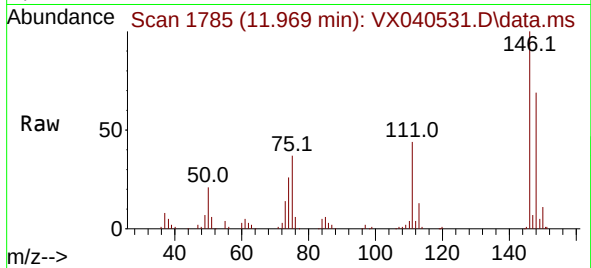
148 65.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#88

1,4-Dichlorobenzene

Concen: 16.944 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

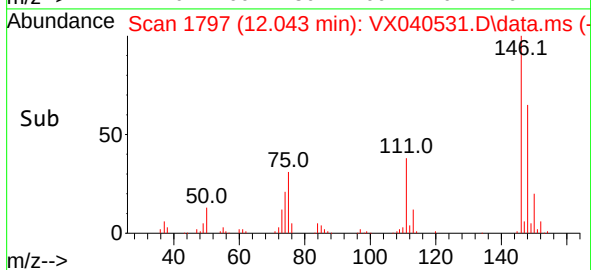
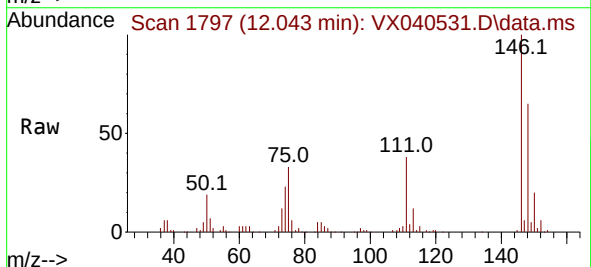
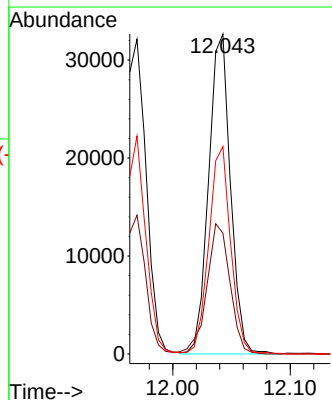
Tgt Ion:146 Resp: 42236

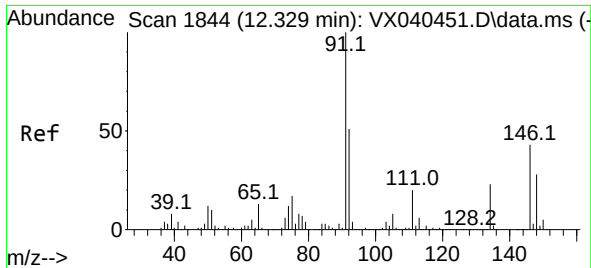
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.7

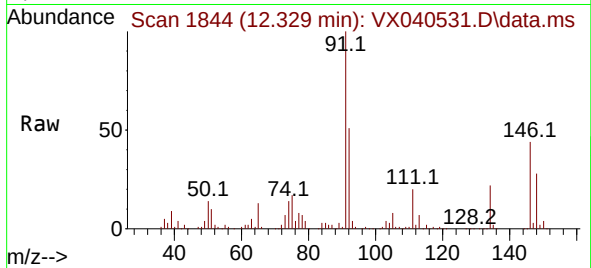
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 17.153 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

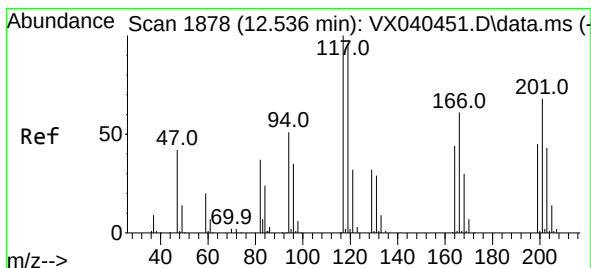
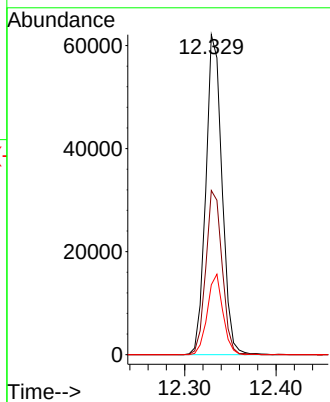
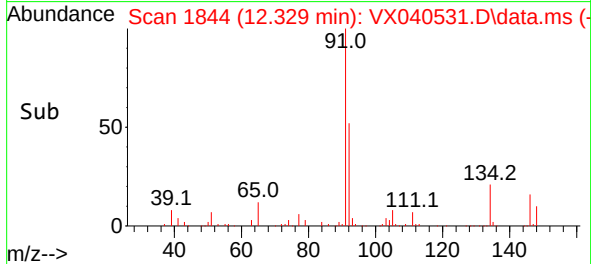
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



Tgt Ion: 91 Resp: 76125
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 24.2 12.6 37.8

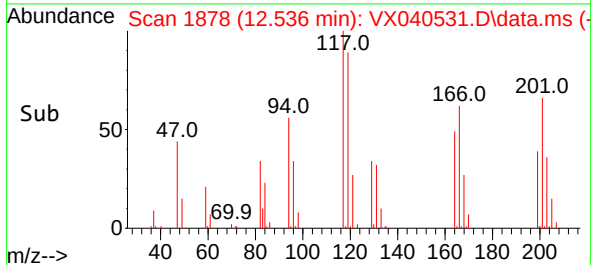
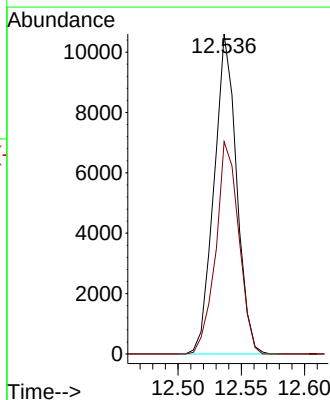
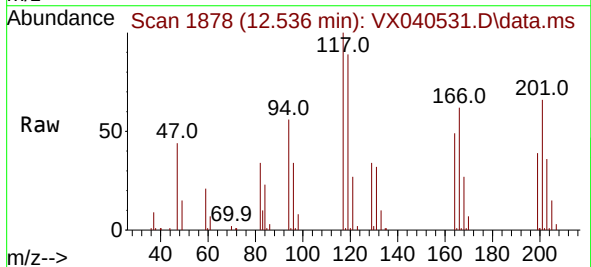
Manual Integrations
APPROVED

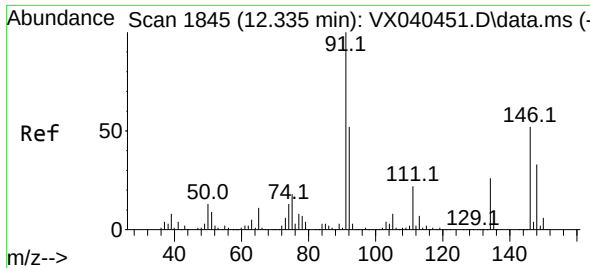
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#90
Hexachloroethane
Concen: 17.477 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

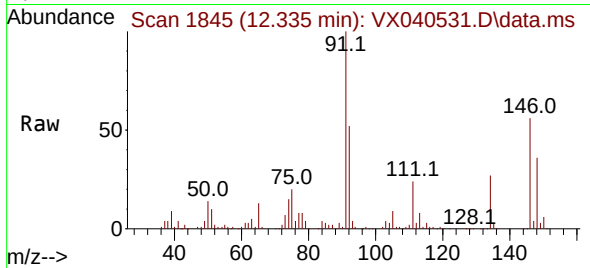
Tgt Ion:117 Resp: 13121
Ion Ratio Lower Upper
117 100
201 67.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 17.476 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

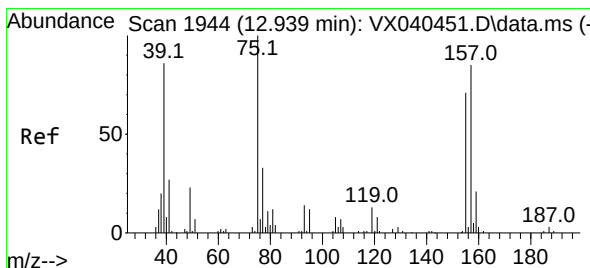
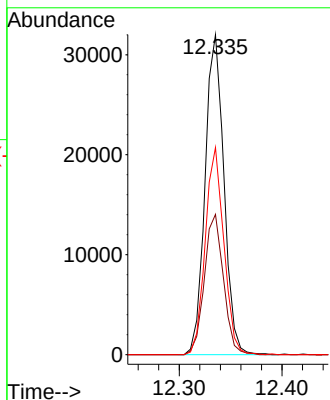
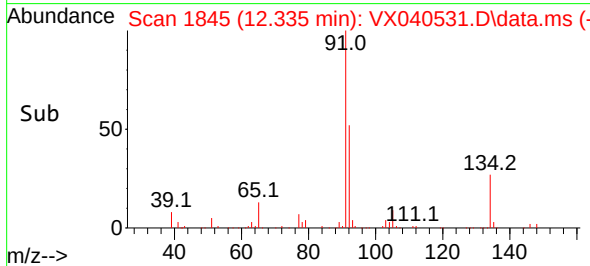
Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02



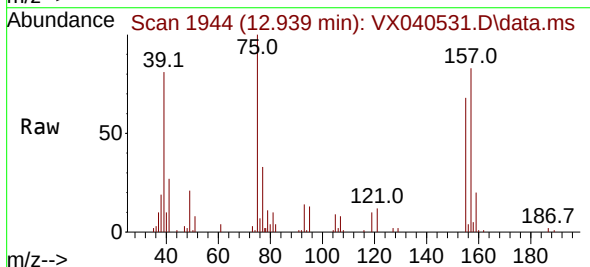
Tgt Ion:146 Resp: 40779
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

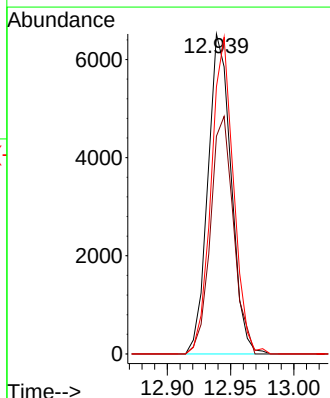
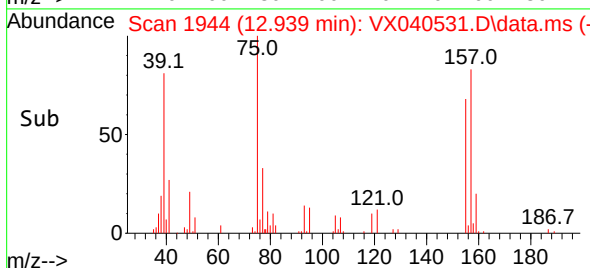
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

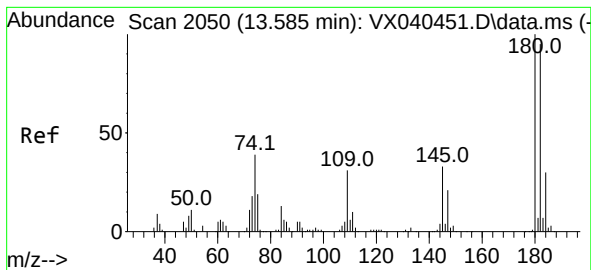


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.978 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56



Tgt Ion: 75 Resp: 8313
Ion Ratio Lower Upper
75 100
155 73.6 36.1 108.5
157 95.3 44.9 134.7





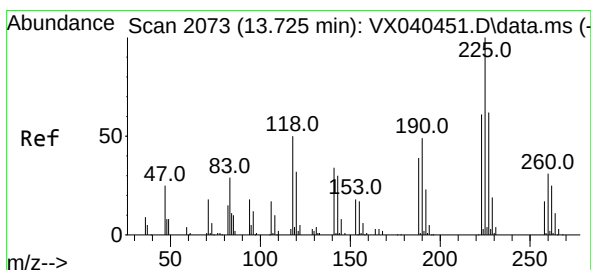
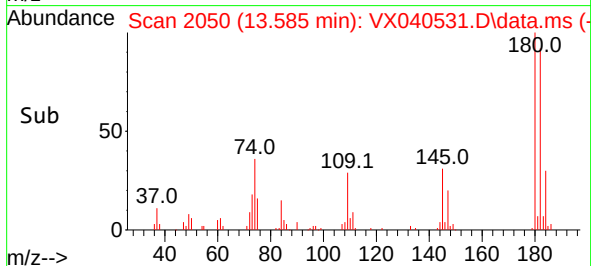
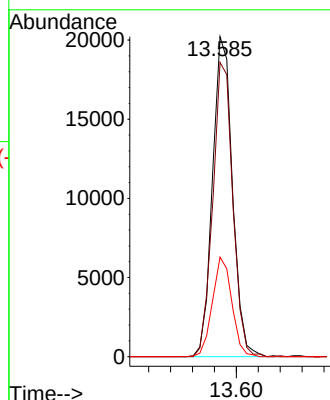
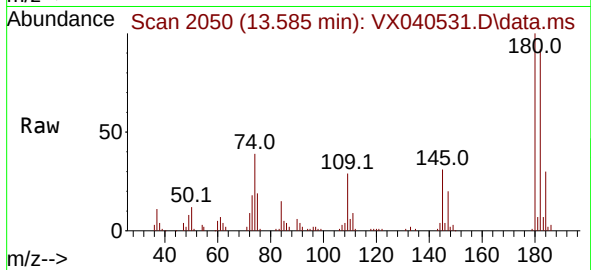
#93
1,2,4-Trichlorobenzene
Concen: 16.745 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0229WBS02

Tgt Ion:180 Resp: 25500
Ion Ratio Lower Upper
180 100
182 92.1 48.3 144.8
145 30.4 18.0 54.0

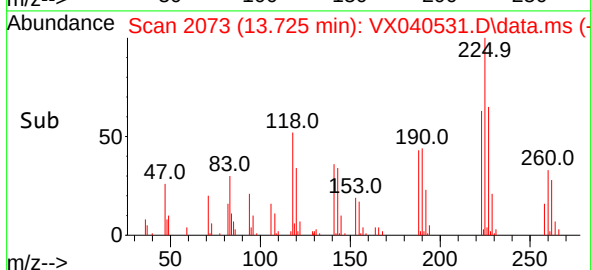
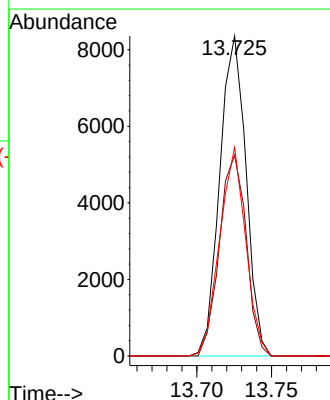
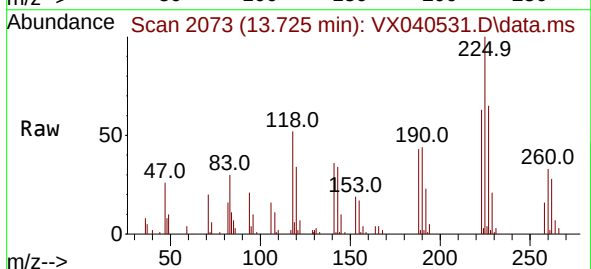
Manual Integrations
APPROVED

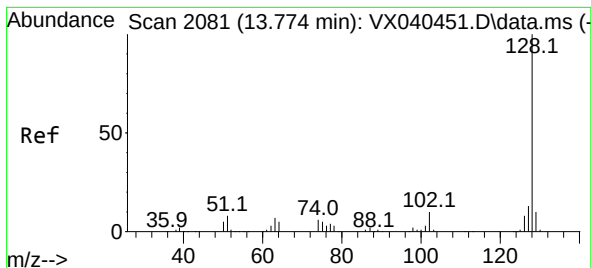
Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#94
Hexachlorobutadiene
Concen: 16.419 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040531.D
Acq: 29 Feb 2024 12:56

Tgt Ion:225 Resp: 10219
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 64.5 32.5 97.5





#95

Naphthalene

Concen: 16.829 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0229WBS02

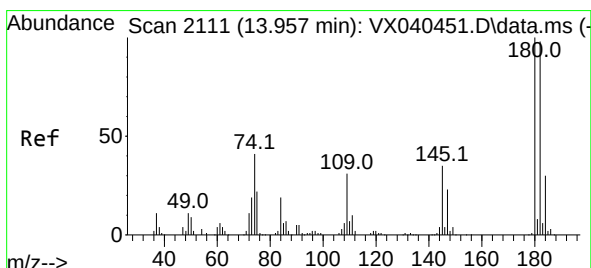
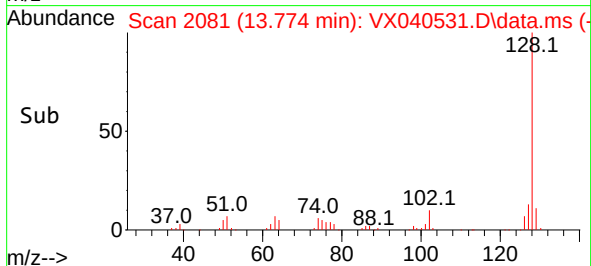
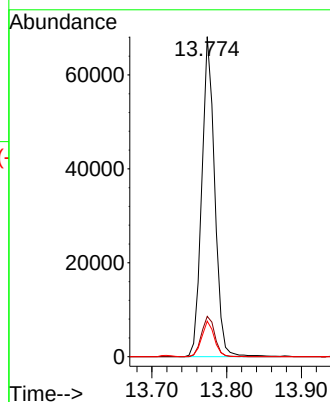
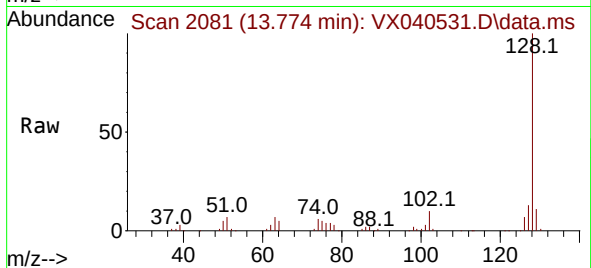
Tgt Ion:128 Resp: 81900
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.201 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040531.D

Acq: 29 Feb 2024 12:56

Tgt Ion:180 Resp: 24900
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.9 140.6
 145 33.9 17.8 53.5

