

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035948.D
 Acq On : 01 Jun 2023 10:27
 Operator : JC/MD
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	35511	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	203302	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	185143	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	90889	30.804	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 102.667%		
60) 4-Bromofluorobenzene	11.079	95	97052	31.240	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 104.133%		
63) Toluene-d8	8.647	98	245936	30.048	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.167%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	45240	24.913	ug/l	99
3) Chloromethane	1.295	50	41573	18.661	ug/l	93
4) Vinyl Chloride	1.374	62	41331	19.742	ug/l	97
5) Bromomethane	1.618	94	26583	18.875	ug/l	99
6) Chloroethane	1.691	64	26111	19.783	ug/l	98
7) Trichlorofluoromethane	1.886	101	64702	20.386	ug/l	97
8) Diethyl Ether	2.130	74	25208	19.103	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	39879	23.354	ug/l	98
10) 1,1-Dichloroethene	2.319	96	36346	20.418	ug/l	91
11) Methyl Iodide	2.453	142	40243	18.714	ug/l	98
12) Methyl Acetate	2.709	43	104298	20.735	ug/l	99
13) Acrolein	2.240	56	44666	112.336	ug/l	100
14) Acrylonitrile	3.069	53	126999	100.719	ug/l	99
15) Acetone	2.404	58	39153	103.811	ug/l	87
16) Carbon Disulfide	2.514	76	81039	20.977	ug/l	99
17) Allyl chloride	2.666	41	74853	20.843	ug/l	96
18) Methylene Chloride	2.788	84	42743	18.438	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	40519	20.192	ug/l	96
20) Diisopropyl ether	3.758	45	155330	20.036	ug/l	96
21) 1,1-Dichloroethane	3.611	63	82540	20.312	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	49292	19.851	ug/l	100
23) tert-Butyl Alcohol	3.026	59	56399m	122.534	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	150659	20.999	ug/l	93
25) Chloroform	5.087	83	85670	20.545	ug/l	99
26) Cyclohexane	5.465	56	67781	22.055	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	59391	20.978	ug/l	99
30) 2-Butanone	4.568	43	189884	102.460	ug/l	99
31) 2,2-Dichloropropane	4.471	77	66411	21.835	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	73314	22.176	ug/l	99
33) Carbon Tetrachloride	5.672	117	62299	23.864	ug/l	98
34) Benzene	6.032	78	178572	19.994	ug/l	100
35) Methacrylonitrile	4.922	41	38930	19.686	ug/l	96
36) 1,2-Dichloroethane	6.080	62	72691	20.913	ug/l	100
37) Trichloroethene	7.123	130	46339	20.641	ug/l	97
38) Methylcyclohexane	7.379	83	69023	22.231	ug/l	99
39) 1,2-Dichloropropane	7.428	63	46447	19.321	ug/l	100
40) Dibromomethane	7.580	93	32519	20.001	ug/l	99
41) Bromodichloromethane	7.818	83	64568	21.967	ug/l #	98
42) Vinyl Acetate	3.721	43	543697	99.877	ug/l	100

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Quant Time: Jun 02 01:35:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	66250	18.745	ug/l	100
44) Isopropyl Acetate	6.342	43	111827	19.410	ug/l	99
45) 1,4-Dioxane	7.732	88	25294	462.248	ug/l #	88
46) Methyl methacrylate	7.690	41	55242	19.845	ug/l	95
47) n-amyl Acetate	10.842	43	90765	18.756	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	65490	20.140	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	73222	20.404	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	48186	20.715	ug/l	99
51) Ethyl methacrylate	9.116	69	70619	19.694	ug/l	93
52) 1,3-Dichloropropane	9.305	76	81612	20.133	ug/l	100
53) Dibromochloromethane	9.519	129	45197	21.187	ug/l	100
54) 1,2-Dibromoethane	9.610	107	49223	20.368	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	195969	102.986	ug/l	98
56) Bromoform	10.799	173	30124	21.784	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	354545	98.590	ug/l	98
59) 2-Hexanone	9.427	43	270831	100.088	ug/l	98
61) Tetrachloroethene	9.275	164	37801	21.200	ug/l	90
62) Toluene	8.714	91	193087	20.252	ug/l	99
64) Chlorobenzene	10.080	112	122447	20.278	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	44414	21.039	ug/l	100
66) Ethyl Benzene	10.195	91	218333	20.476	ug/l	98
67) m/p-Xylenes	10.299	106	167192	41.424	ug/l	100
68) o-Xylene	10.640	106	82572	20.453	ug/l	99
69) Styrene	10.653	104	137325	20.610	ug/l	100
70) Isopropylbenzene	10.964	105	219902	21.340	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	73691	20.190	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	62433m	19.640	ug/l	
73) Bromobenzene	11.195	156	50950	20.351	ug/l	95
74) n-propylbenzene	11.305	91	255243	20.780	ug/l	100
75) 2-Chlorotoluene	11.360	91	159080	21.084	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	185312	21.174	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	17711	18.469	ug/l	94
78) 4-Chlorotoluene	11.451	91	179520	20.886	ug/l	98
79) tert-butylbenzene	11.713	119	177997	21.067	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	186157	21.165	ug/l	96
81) sec-Butylbenzene	11.890	105	218622	20.495	ug/l	99
82) p-Isopropyltoluene	12.006	119	185289	20.879	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	95272	20.107	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	98892	20.794	ug/l	99
85) n-Butylbenzene	12.329	91	156531	19.826	ug/l	99
86) Hexachloroethane	12.536	117	27044	19.351	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	96284	20.740	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15700	22.506	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	58318	20.961	ug/l	99
90) Hexachlorobutadiene	13.725	225	23484	22.897	ug/l	99
91) Naphthalene	13.774	128	204447	21.235	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	56567	20.363	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

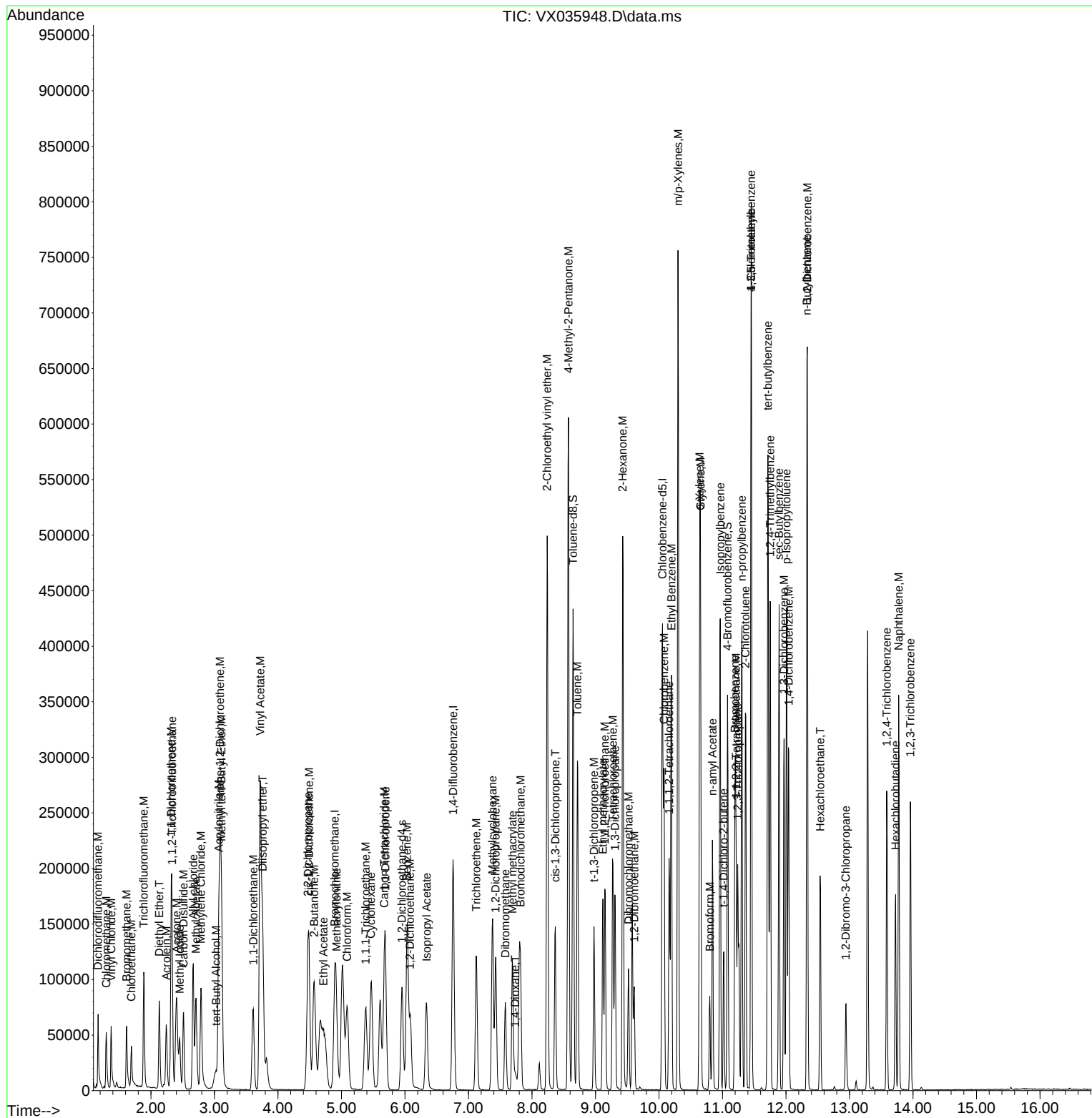
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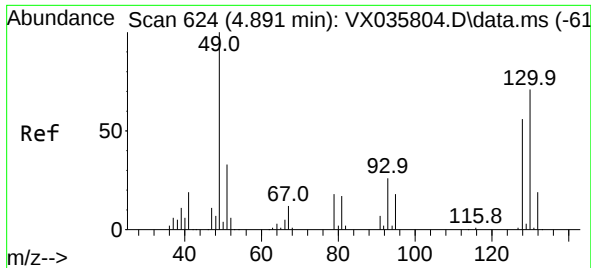
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 MSVOA_X
 ClientSampleId :
 VX0601WBS01

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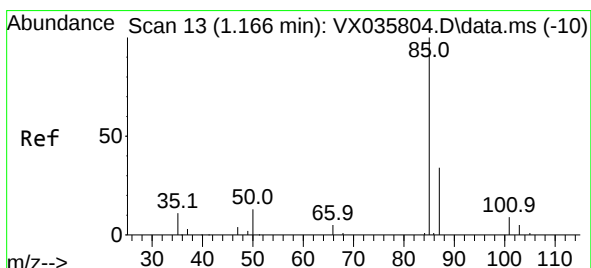
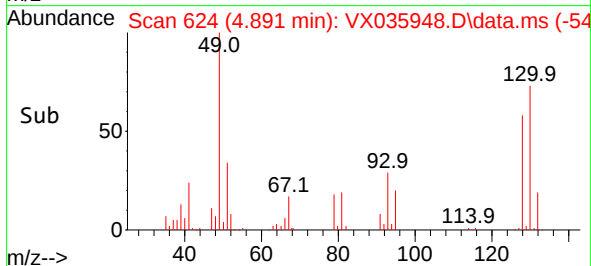
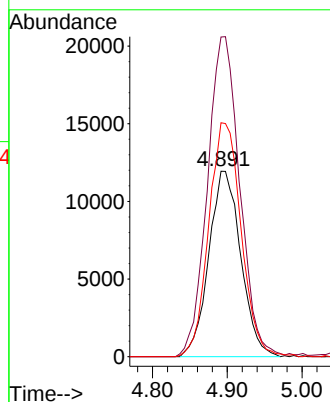
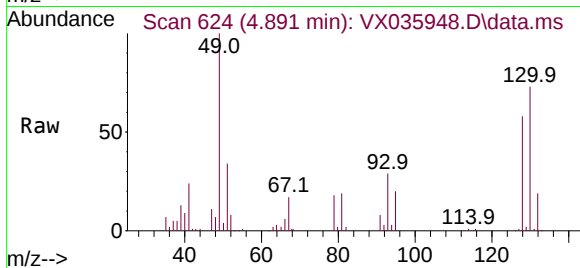
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion:128 Resp: 3551
Ion Ratio Lower Upper
128 100
49 174.5 0.0 428.8
130 127.9 0.0 310.8

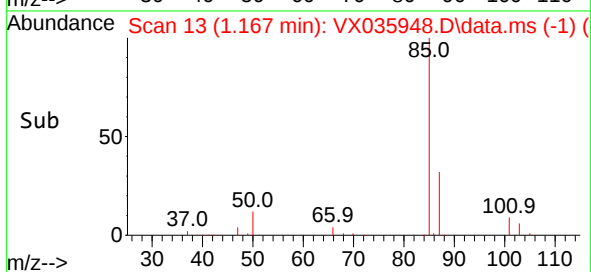
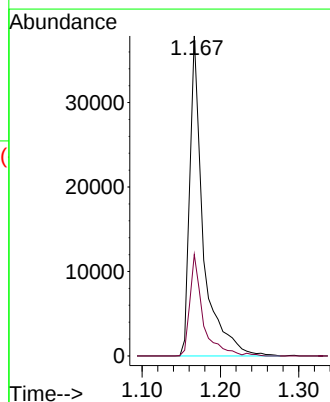
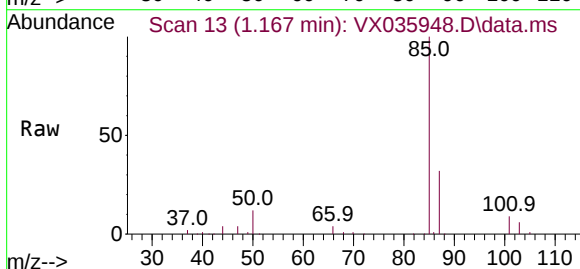
Manual Integrations
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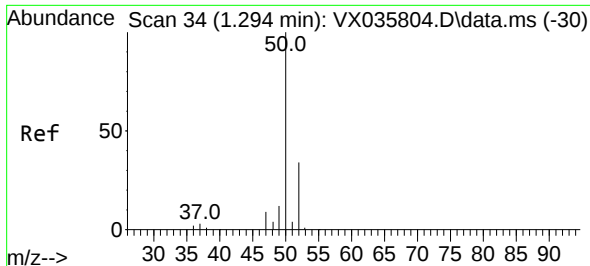
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#2
Dichlorodifluoromethane
Concen: 24.913 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

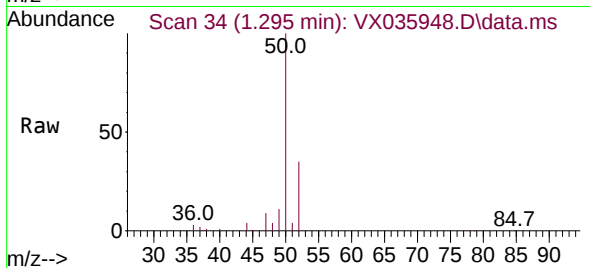
Tgt Ion: 85 Resp: 45240
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0





#3
Chloromethane
Concen: 18.661 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

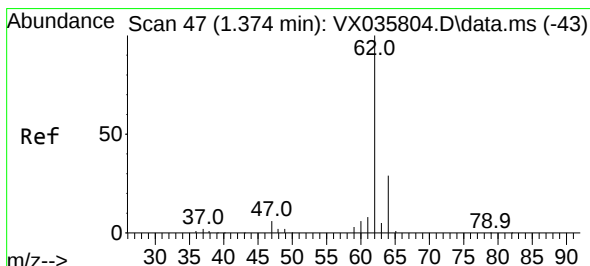
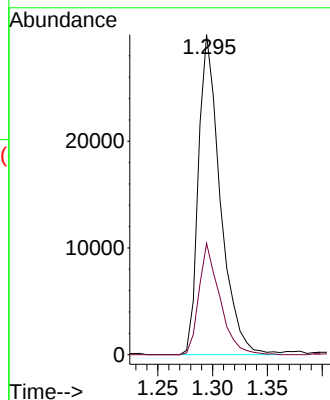
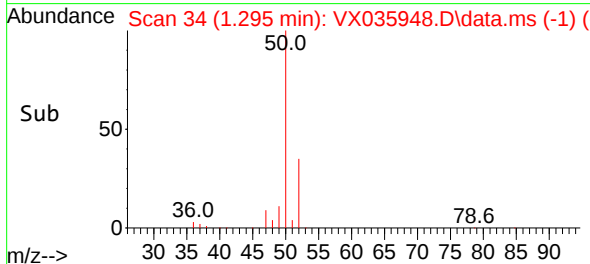
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 50 Resp: 4157
Ion Ratio Lower Upper
50 100
52 34.8 24.6 36.8

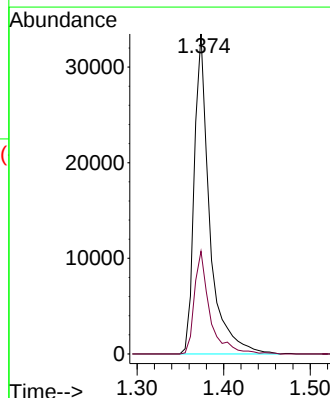
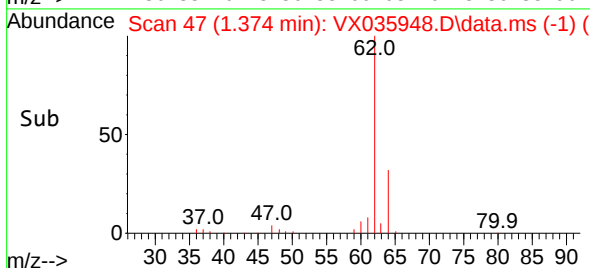
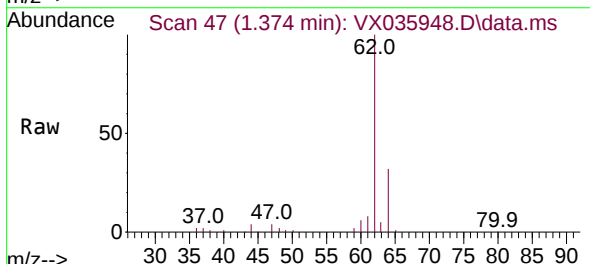
Manual Integrations
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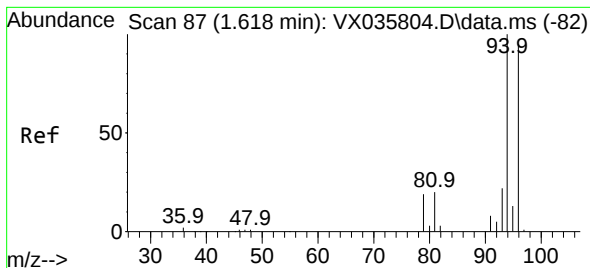
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 19.742 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 62 Resp: 41331
Ion Ratio Lower Upper
62 100
64 32.1 26.9 40.3





#5

Bromomethane

Concen: 18.875 ug/l

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 94 Resp: 2658

Ion Ratio Lower Upper

94 100

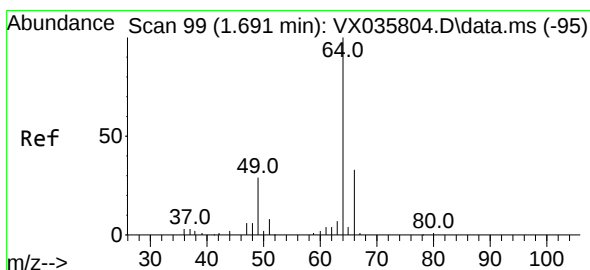
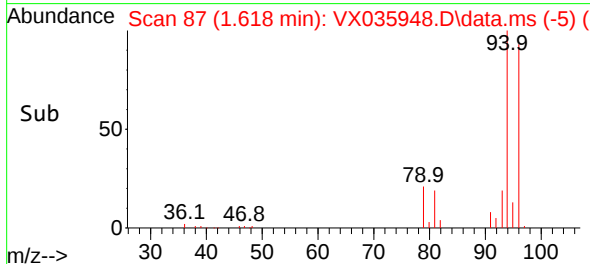
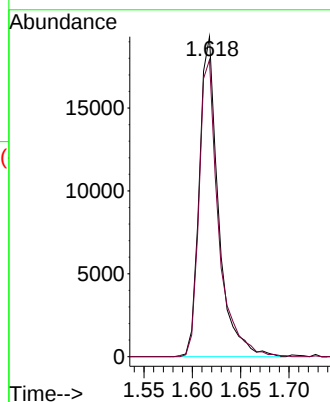
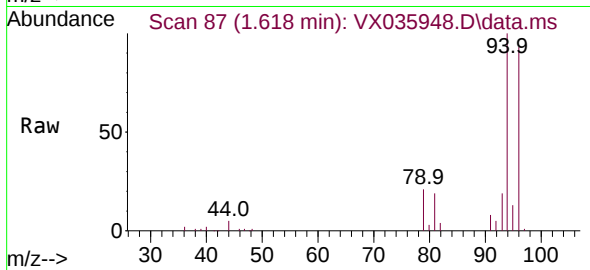
96 92.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#6

Chloroethane

Concen: 19.783 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035948.D

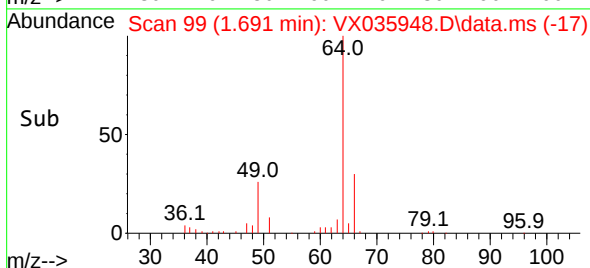
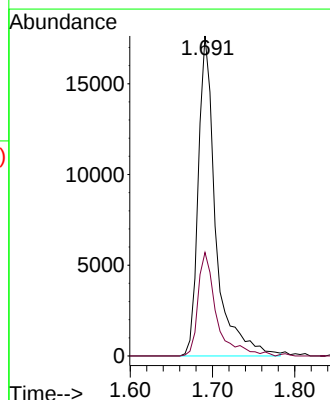
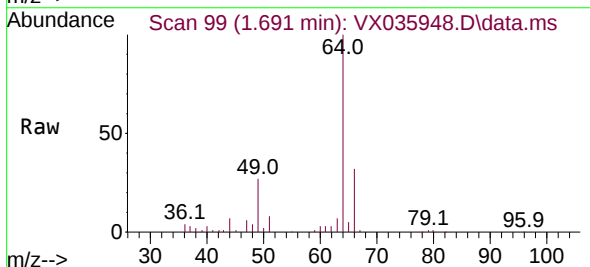
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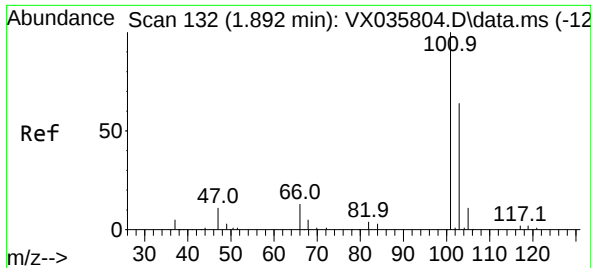
Tgt Ion: 64 Resp: 26111

Ion Ratio Lower Upper

64 100

66 32.3 26.6 40.0





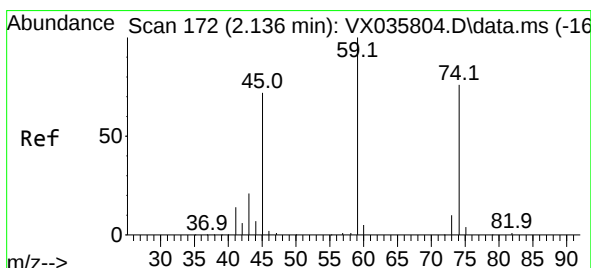
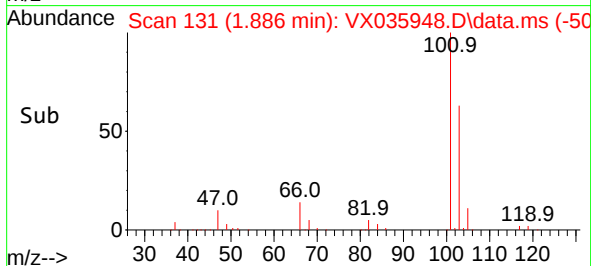
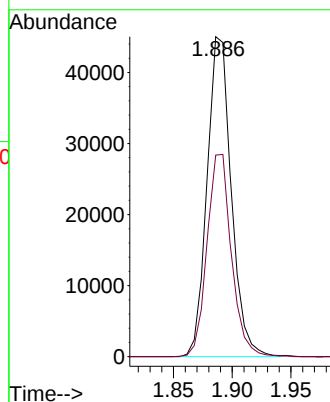
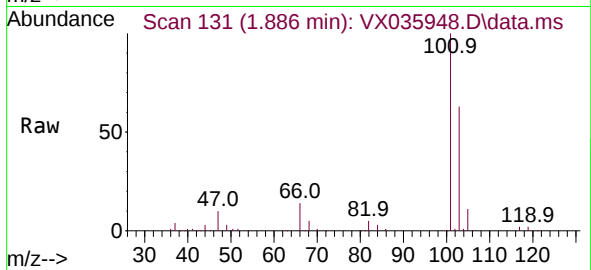
#7
Trichlorofluoromethane
Concen: 20.386 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion:101 Resp: 64702
Ion Ratio Lower Upper
101 100
103 62.9 52.1 78.1

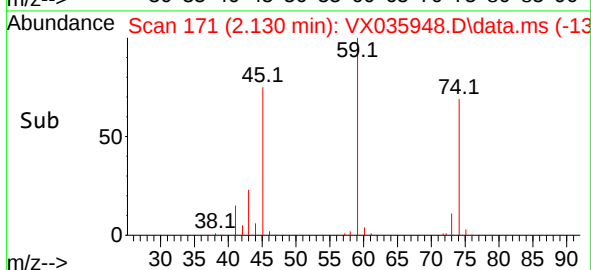
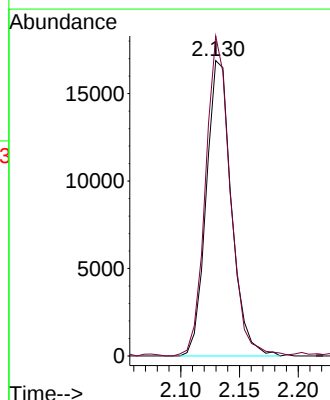
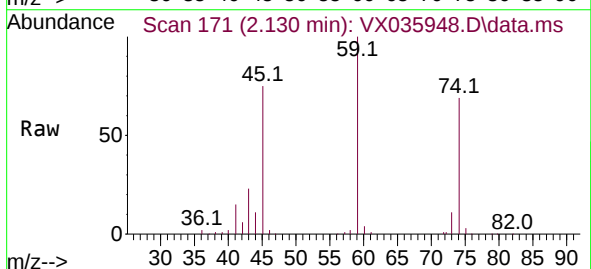
Manual Integrations
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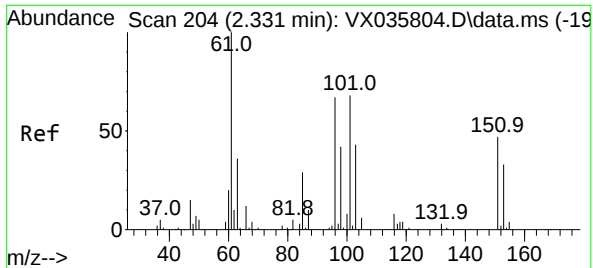
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#8
Diethyl Ether
Concen: 19.103 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 74 Resp: 25208
Ion Ratio Lower Upper
74 100
45 106.4 20.5 184.5





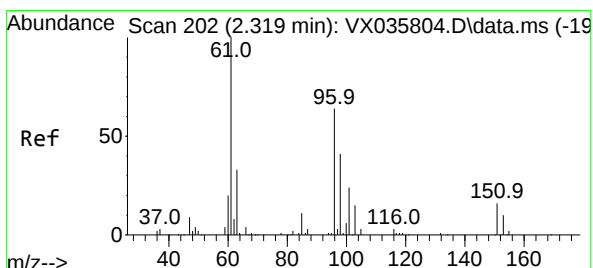
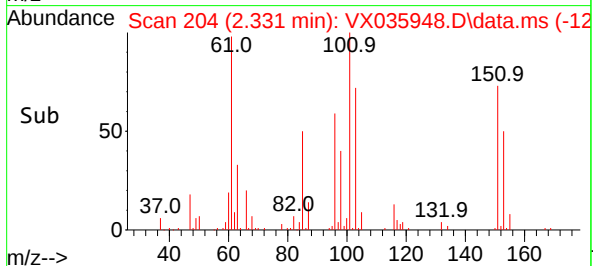
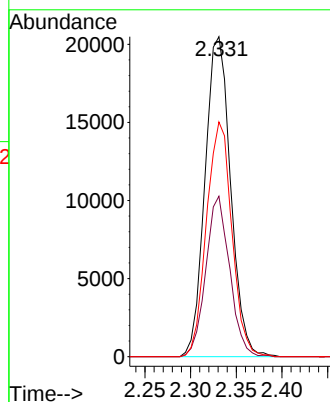
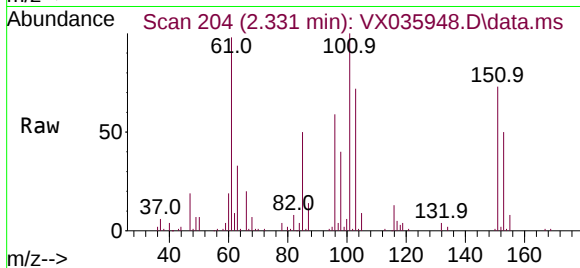
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.354 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion:101 Resp: 39879
Ion Ratio Lower Upper
101 100
85 46.6 0.0 88.8
151 72.7 0.0 147.6

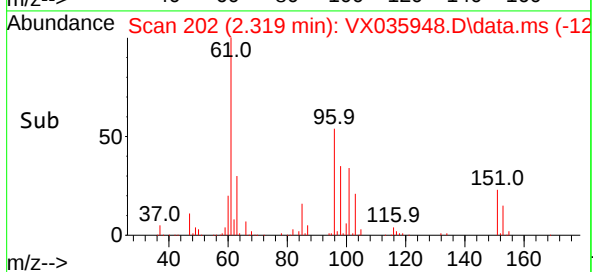
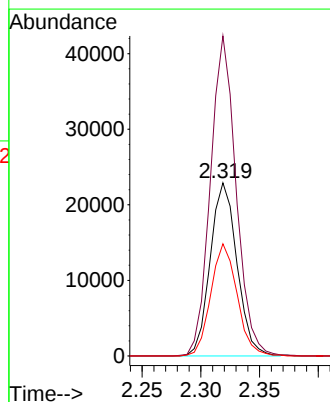
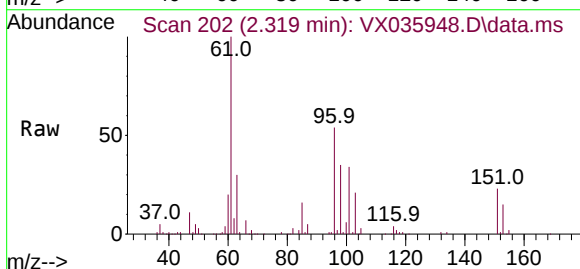
Manual Integrations
APPROVED

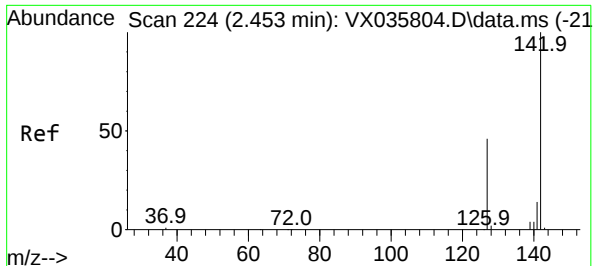
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
1,1-Dichloroethene
Concen: 20.418 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

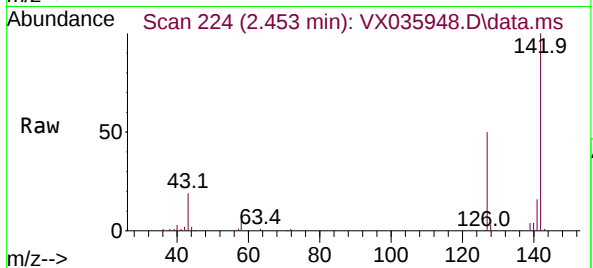
Tgt Ion: 96 Resp: 36346
Ion Ratio Lower Upper
96 100
61 184.5 135.8 203.6
98 64.8 49.8 74.6





#11
Methyl Iodide
Concen: 18.714 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

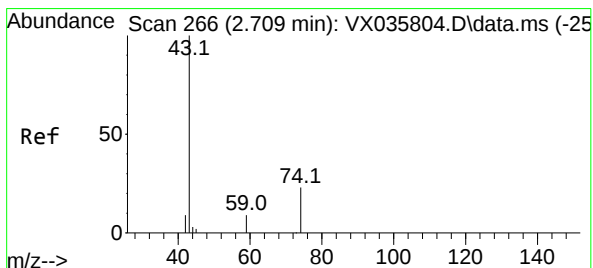
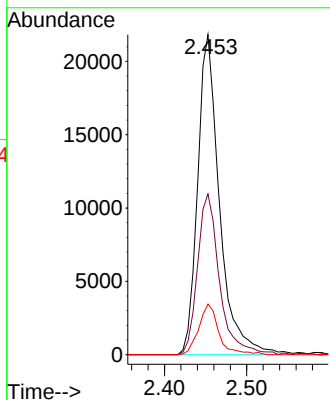
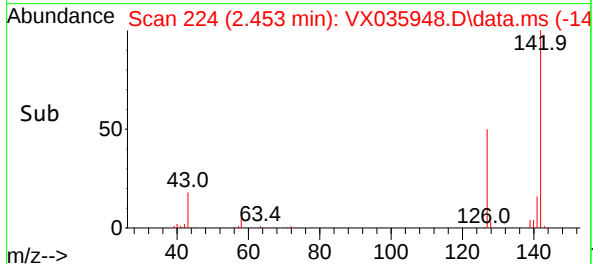
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:142 Resp: 4024
Ion Ratio Lower Upper
142 100
127 50.5 24.5 73.5
141 15.9 7.6 22.8

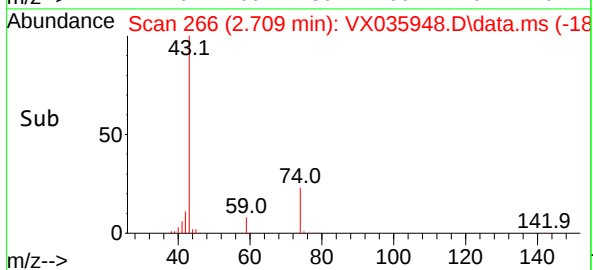
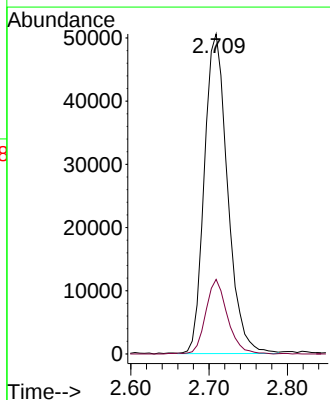
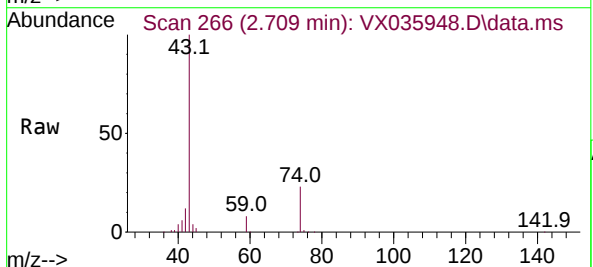
Manual Integrations
APPROVED

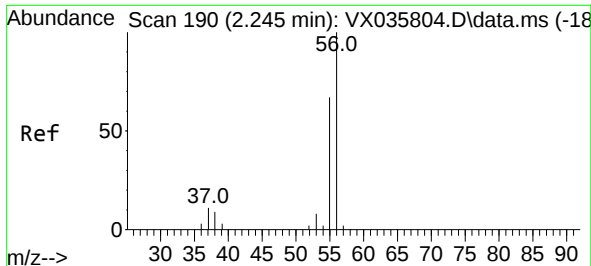
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#12
Methyl Acetate
Concen: 20.735 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

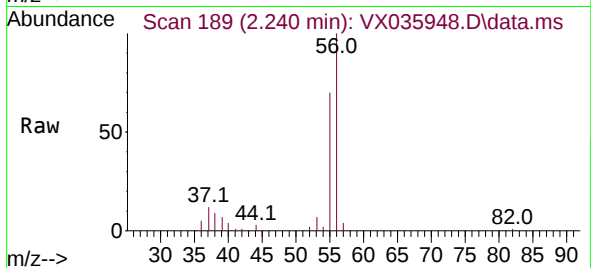
Tgt Ion: 43 Resp: 104298
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0





#13
Acrolein
Concen: 112.336 ug/l
RT: 2.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

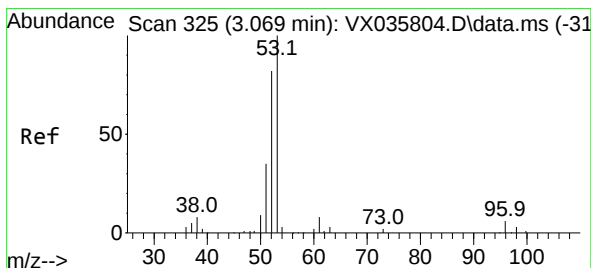
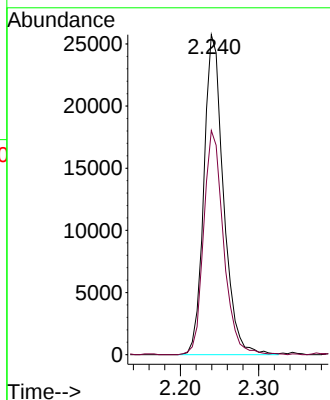
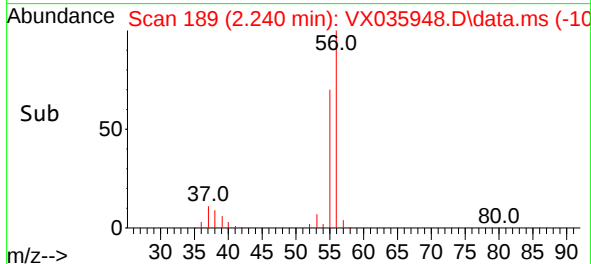
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 56 Resp: 44660
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

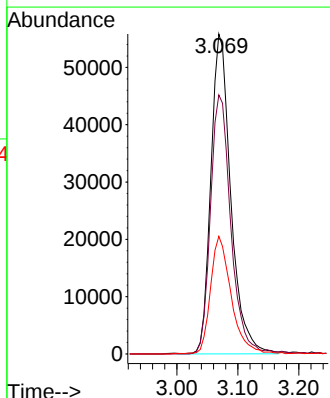
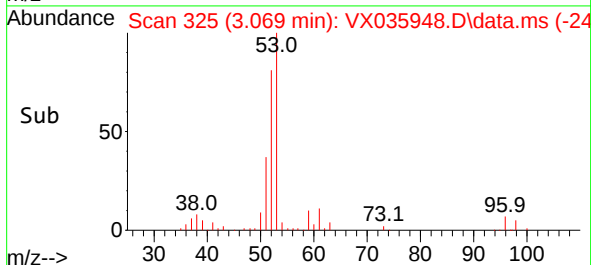
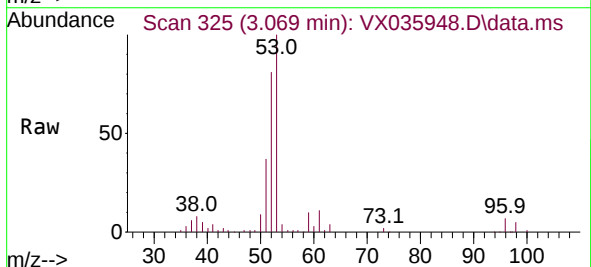
Manual Integrations
APPROVED

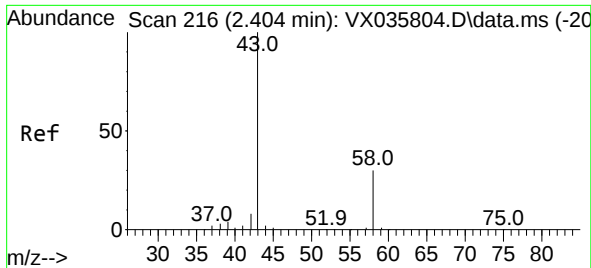
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#14
Acrylonitrile
Concen: 100.719 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

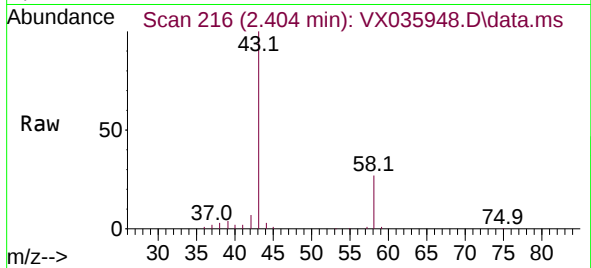
Tgt Ion: 53 Resp: 126999
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.7
51 37.6 17.9 53.7





#15
Acetone
Concen: 103.811 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

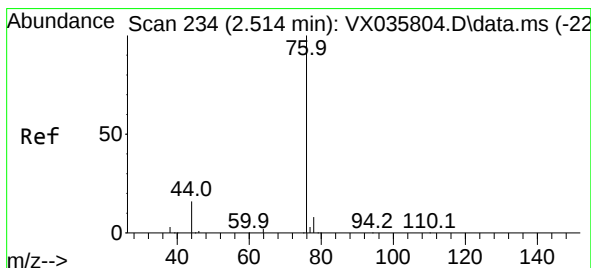
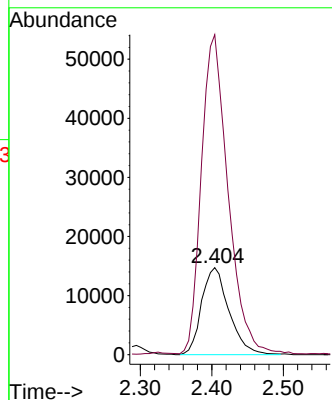
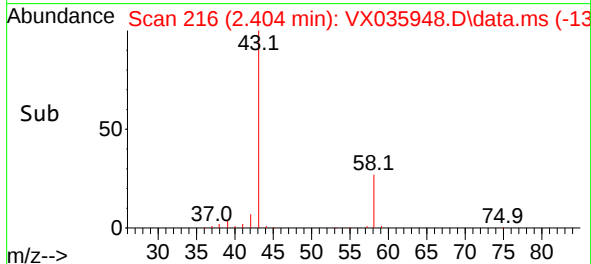
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 58 Resp: 3915
Ion Ratio Lower Upper
58 100
43 366.1 270.8 406.2

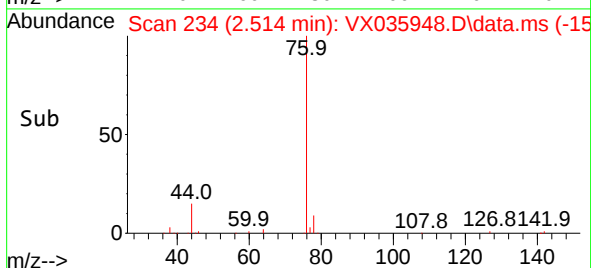
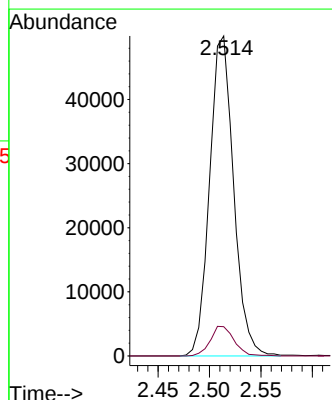
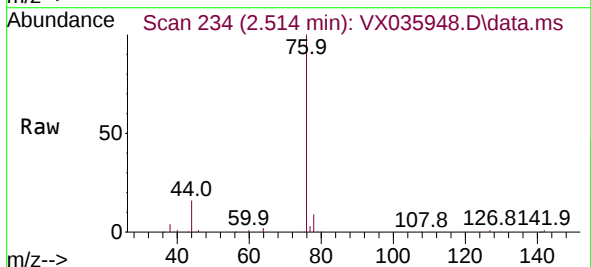
Manual Integrations
APPROVED

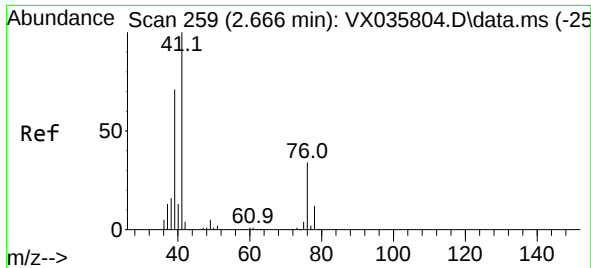
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#16
Carbon Disulfide
Concen: 20.977 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

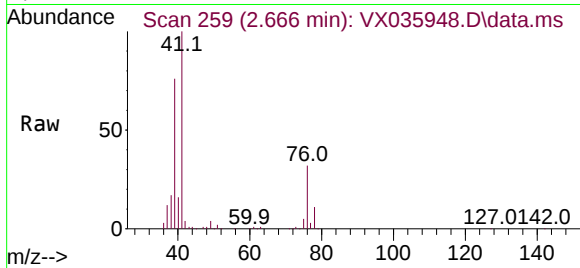
Tgt Ion: 76 Resp: 81039
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





#17
 Allyl chloride
 Concen: 20.843 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27

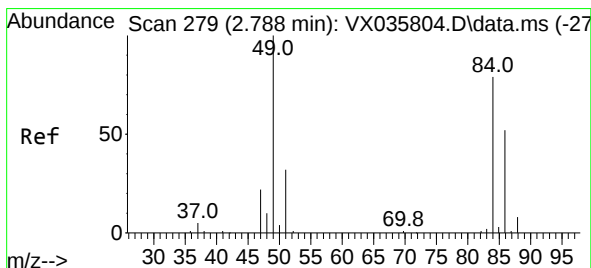
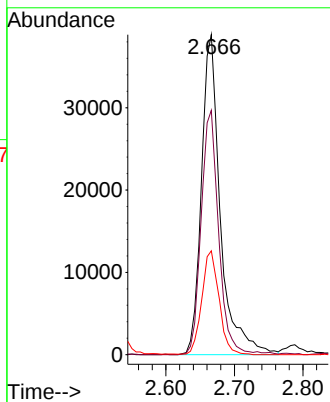
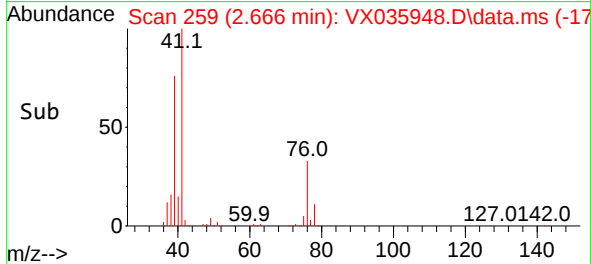
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01



Tgt Ion: 41 Resp: 7485
 Ion Ratio Lower Upper
 41 100
 39 76.4 36.4 109.3
 76 32.5 17.0 51.0

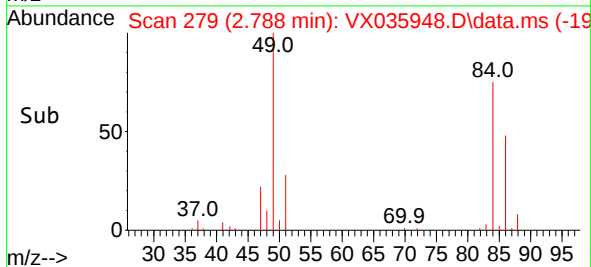
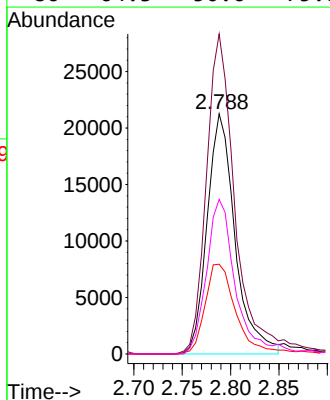
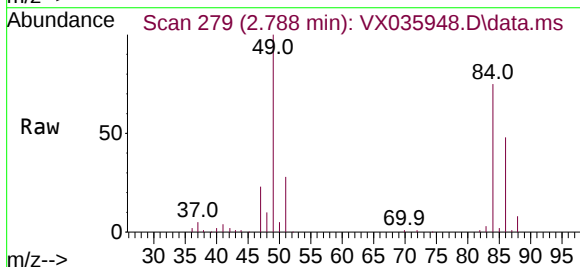
Manual Integrations
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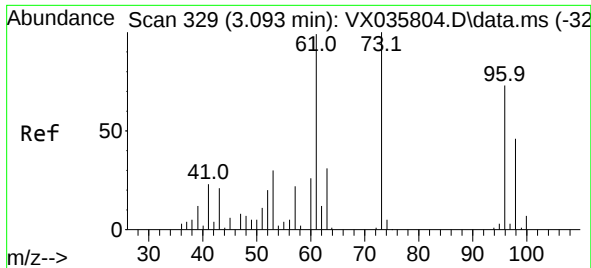
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#18
 Methylene Chloride
 Concen: 18.438 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27

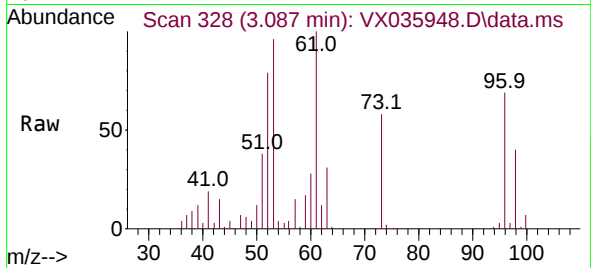
Tgt Ion: 84 Resp: 42743
 Ion Ratio Lower Upper
 84 100
 49 132.9 103.9 155.9
 51 37.4 30.6 45.8
 86 64.3 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 20.192 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

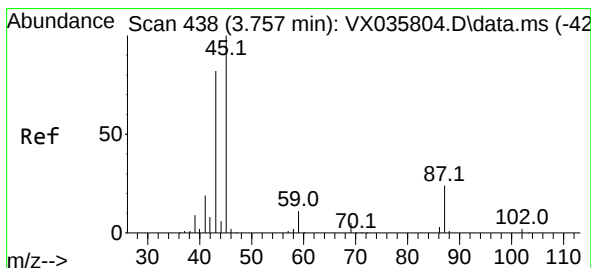
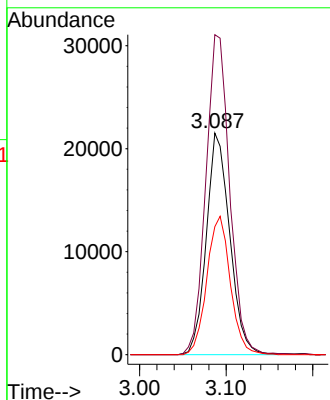
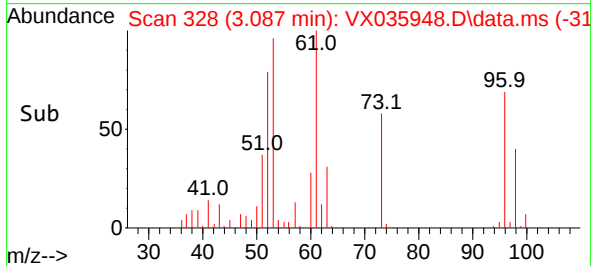
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 96 Resp: 40519
Ion Ratio Lower Upper
96 100
61 144.4 111.1 166.7
98 57.8 48.6 72.8

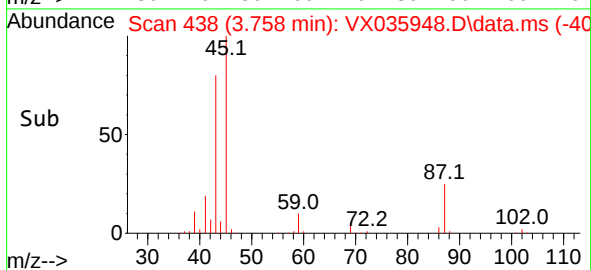
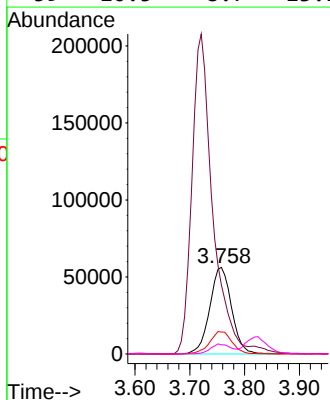
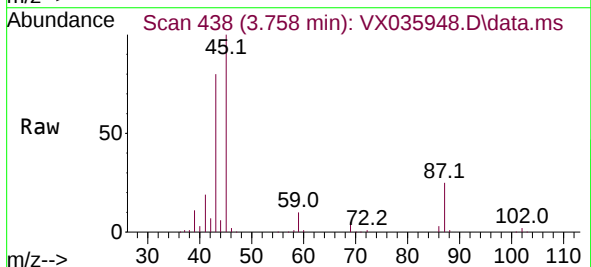
Manual Integrations
APPROVED

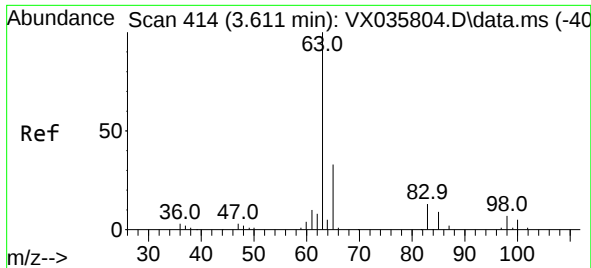
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#20
Diisopropyl ether
Concen: 20.036 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 45 Resp: 155330
Ion Ratio Lower Upper
45 100
43 77.9 66.0 99.0
87 25.3 21.8 32.6
59 10.5 8.7 13.1





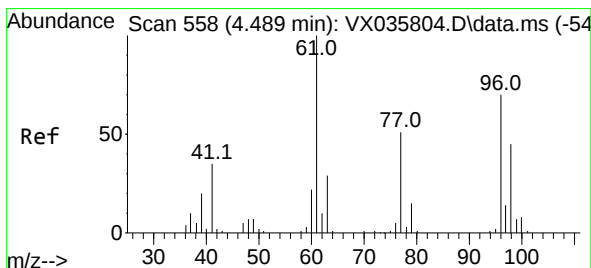
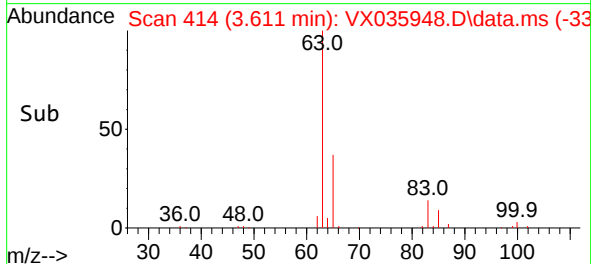
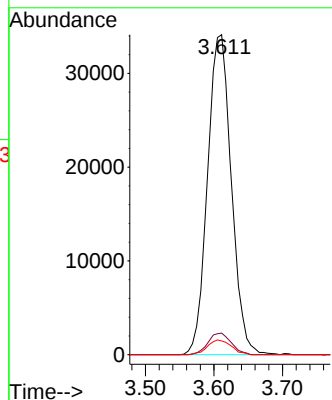
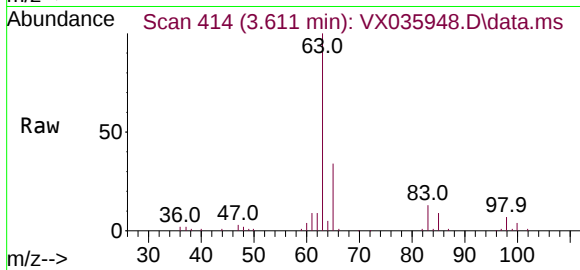
#21
1,1-Dichloroethane
Concen: 20.312 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 63 Resp: 82540
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.6
100 4.3 2.2 6.6

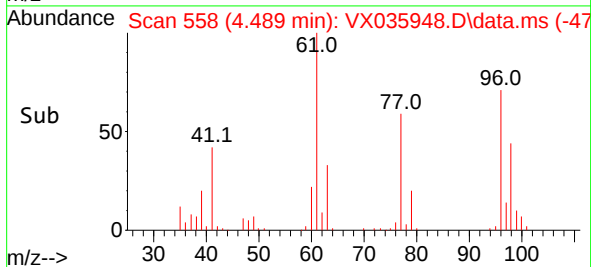
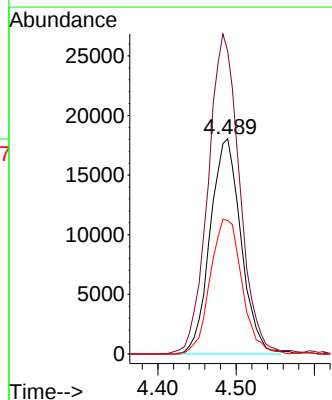
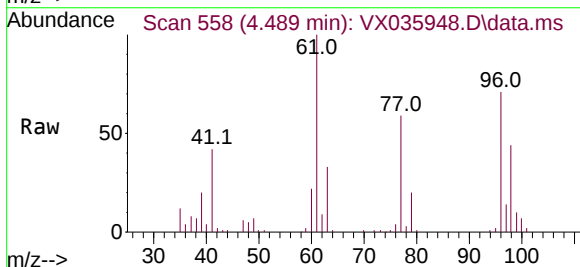
Manual Integrations
APPROVED

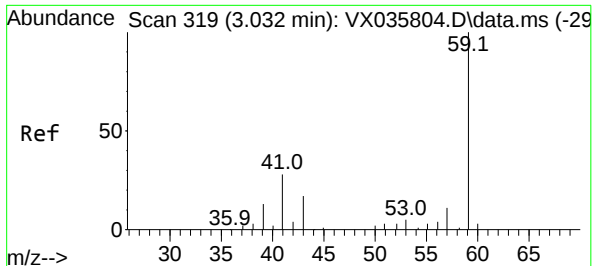
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#22
cis-1,2-Dichloroethene
Concen: 19.851 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 96 Resp: 49292
Ion Ratio Lower Upper
96 100
61 152.1 121.7 182.5
98 64.4 52.2 78.2





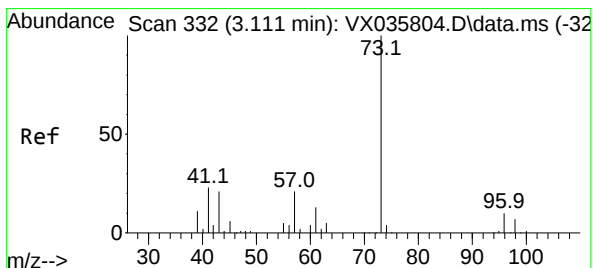
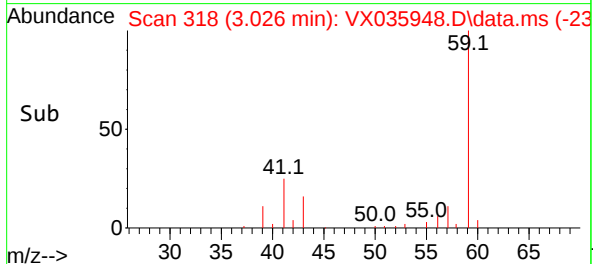
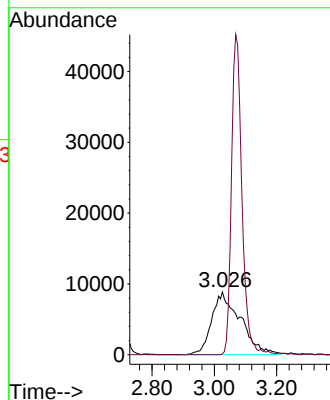
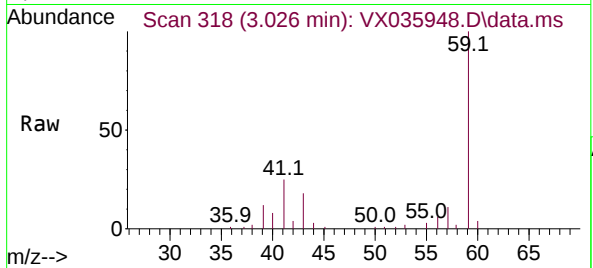
#23
tert-Butyl Alcohol
Concen: 122.534 ug/l m
RT: 3.026 min Scan# 319
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 59 Resp: 56399
Ion Ratio Lower Upper
59 100
52 184.7 0.2 0.4

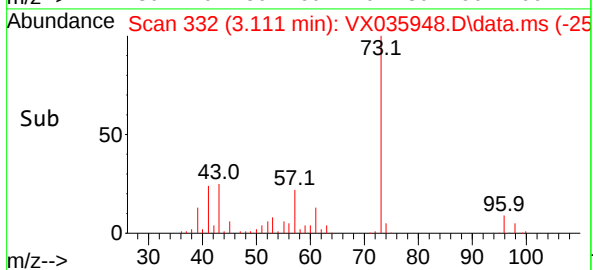
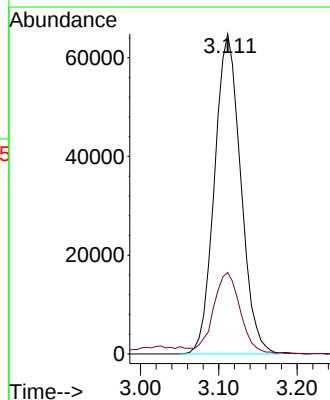
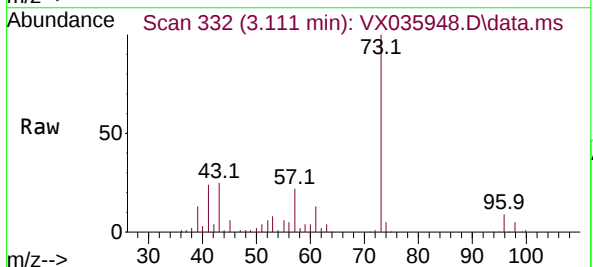
Manual Integrations
APPROVED

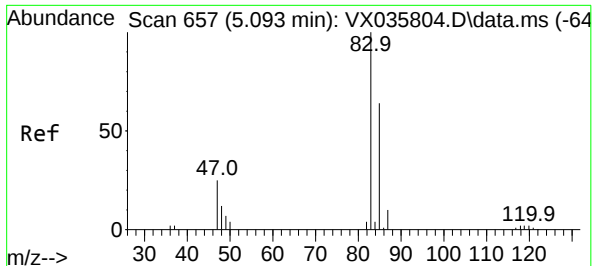
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#24
Methyl tert-Butyl Ether
Concen: 20.999 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 73 Resp: 150659
Ion Ratio Lower Upper
73 100
43 25.9 17.9 26.9





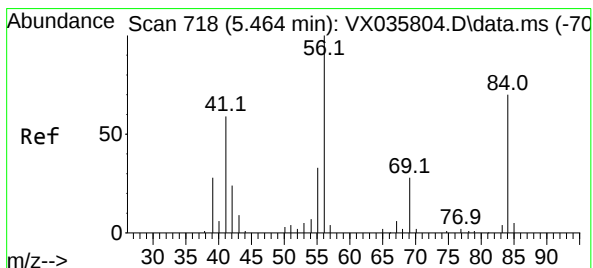
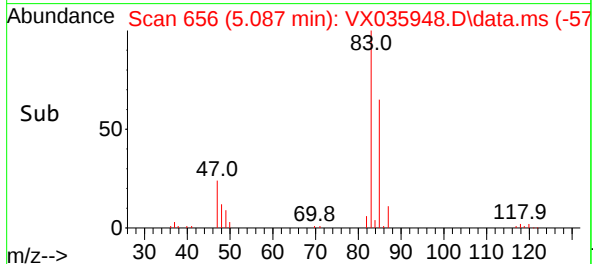
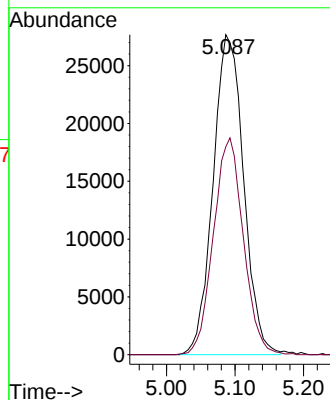
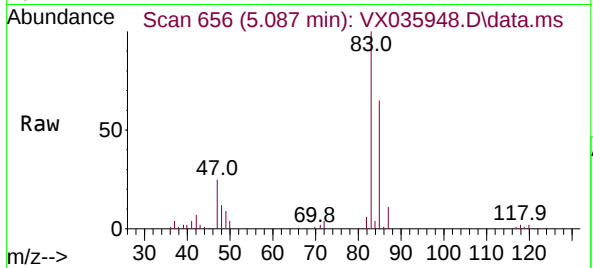
#25
Chloroform
Concen: 20.545 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 83 Resp: 85670
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8

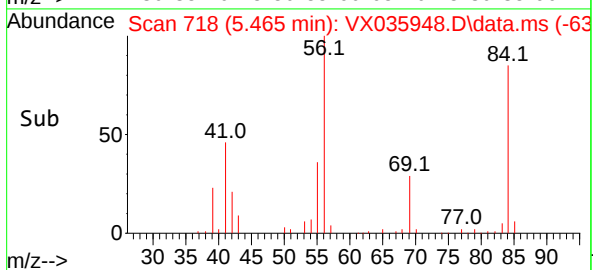
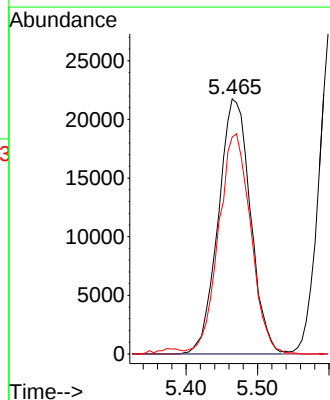
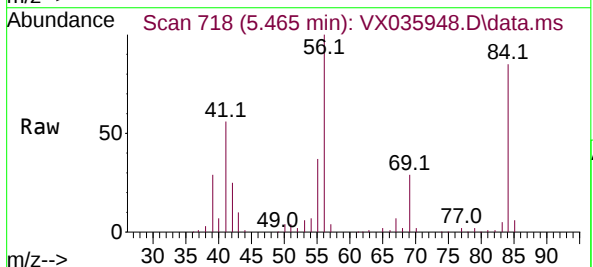
Manual Integrations
APPROVED

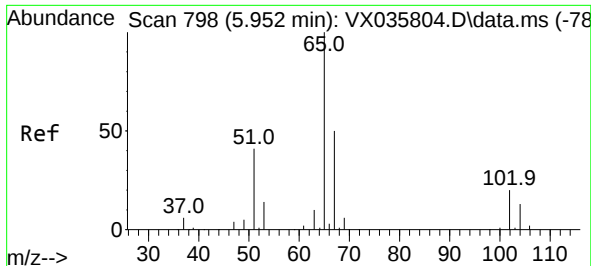
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
Cyclohexane
Concen: 22.055 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

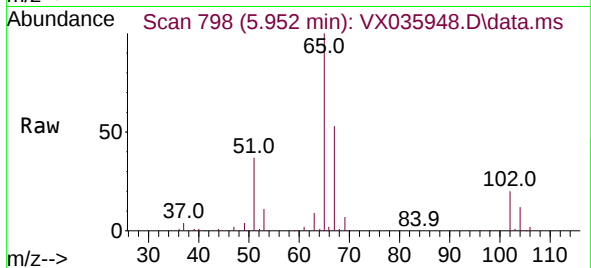
Tgt Ion: 56 Resp: 67781
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.6 67.4 101.2





#27
 1,2-Dichloroethane-d4
 Concen: 30.804 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27

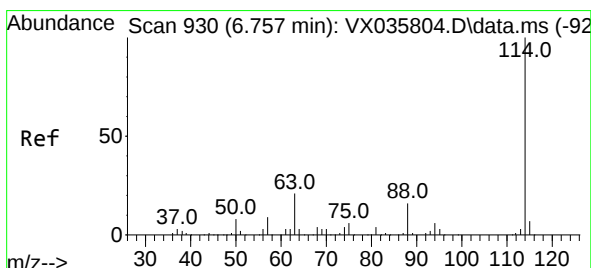
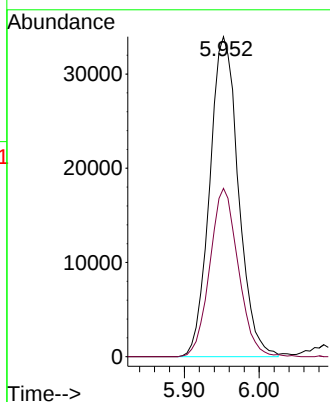
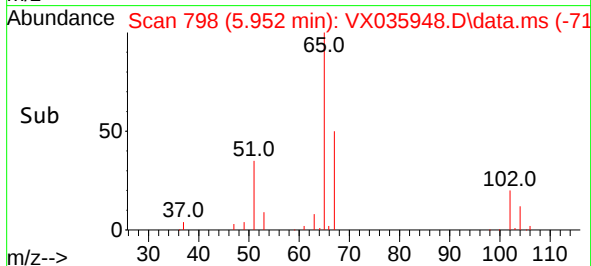
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01



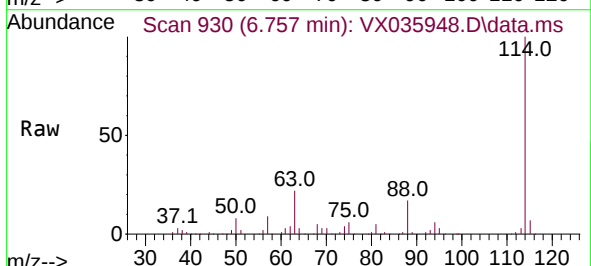
Tgt Ion: 65 Resp: 90889
 Ion Ratio Lower Upper
 65 100
 67 51.8 40.9 61.3

Manual Integrations
 APPROVED

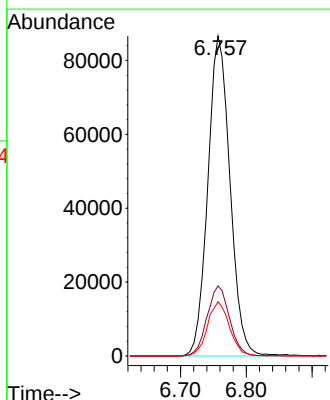
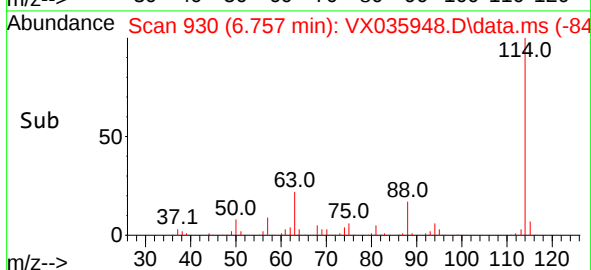
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

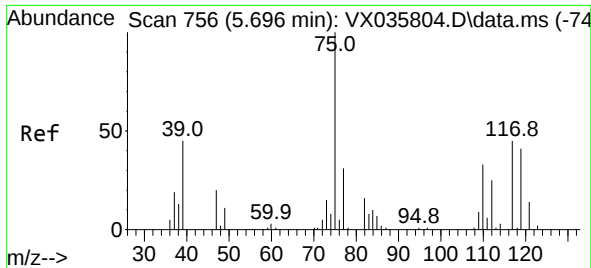


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27



Tgt Ion:114 Resp: 203302
 Ion Ratio Lower Upper
 114 100
 63 22.0 18.0 27.0
 88 16.7 13.3 19.9





#29

1,1-Dichloropropene

Concen: 20.978 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 75 Resp: 5939

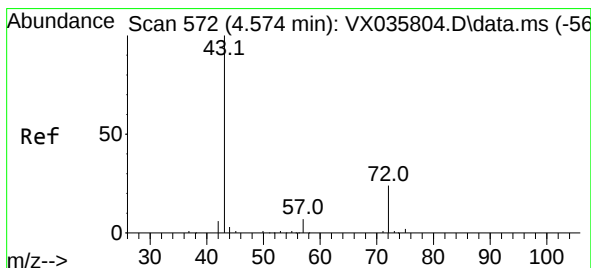
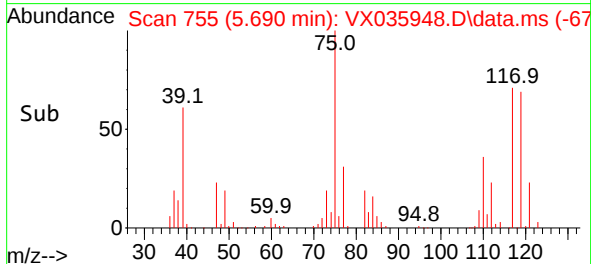
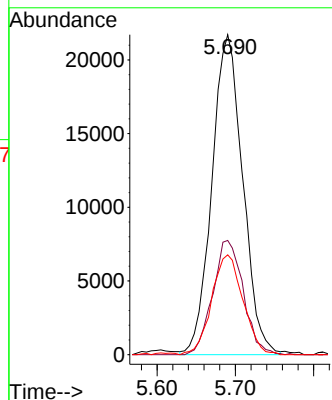
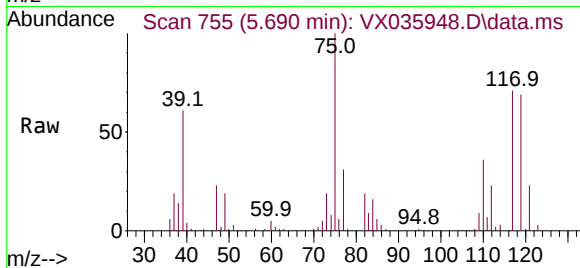
Ion	Ratio	Lower	Upper
75	100		
110	35.3	0.0	71.4
77	31.6	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

2-Butanone

Concen: 102.460 ug/l

RT: 4.568 min Scan# 571

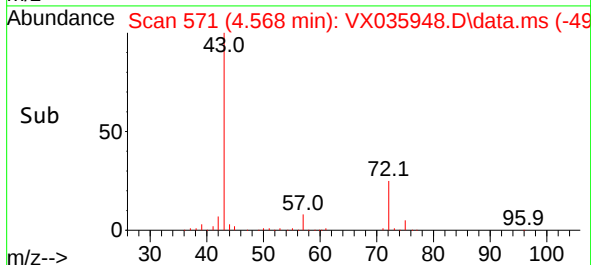
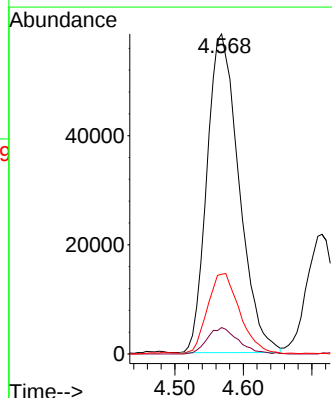
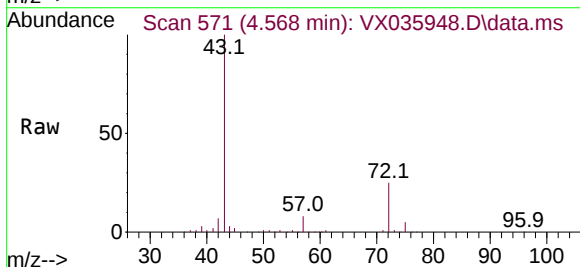
Delta R.T. -0.006 min

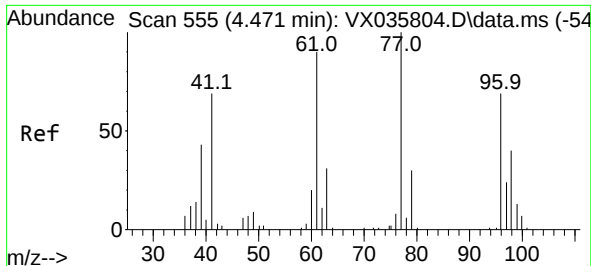
Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Tgt Ion: 43 Resp: 189884

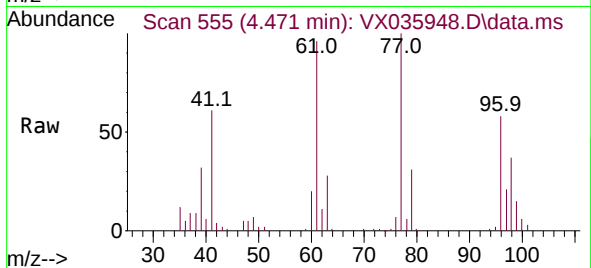
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.3	9.5
72	25.2	19.6	29.4





#31
2,2-Dichloropropane
Concen: 21.835 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

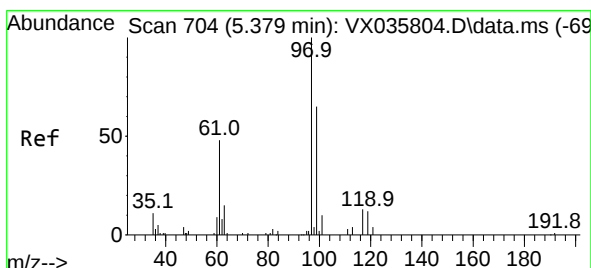
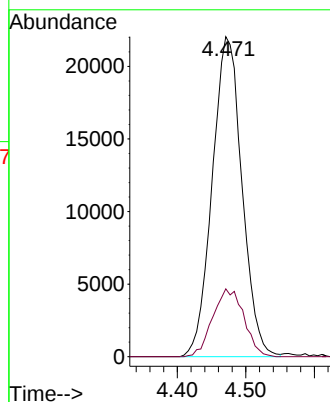
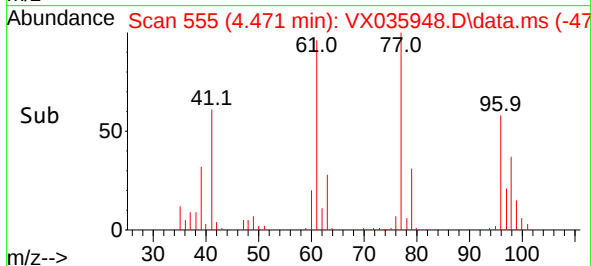
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 77 Resp: 6641
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.4

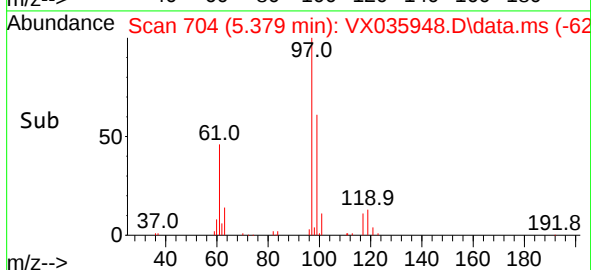
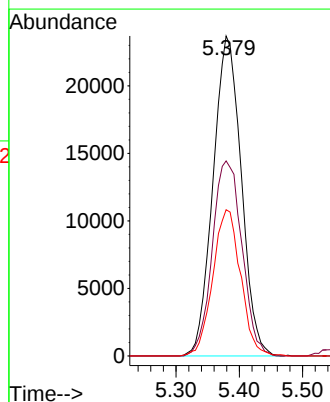
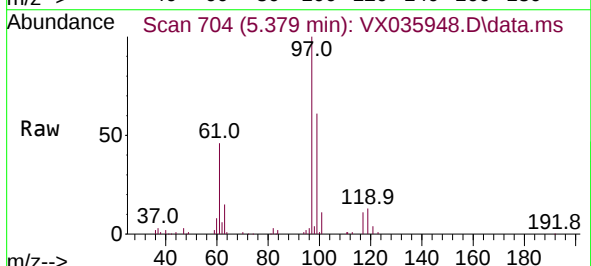
Manual Integrations
APPROVED

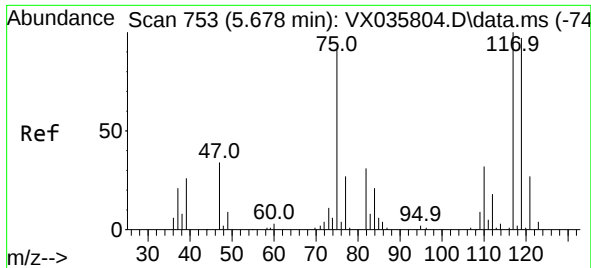
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#32
1,1,1-Trichloroethane
Concen: 22.176 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

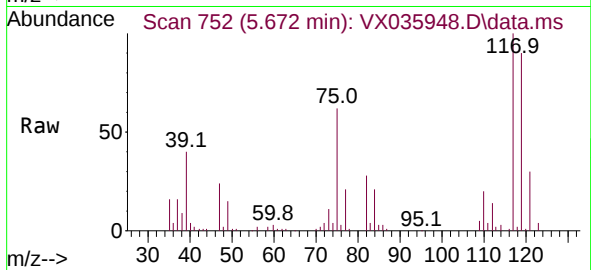
Tgt Ion: 97 Resp: 73314
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 45.0 36.6 55.0





#33
Carbon Tetrachloride
Concen: 23.864 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

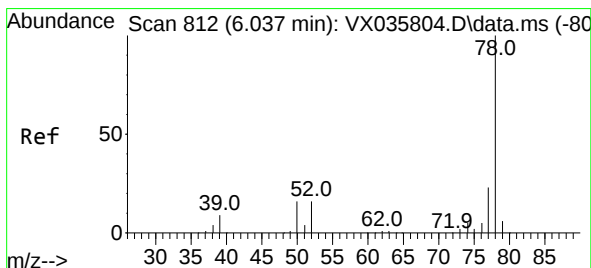
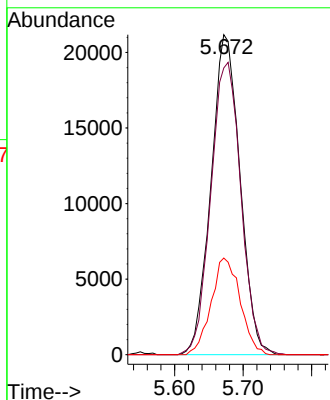
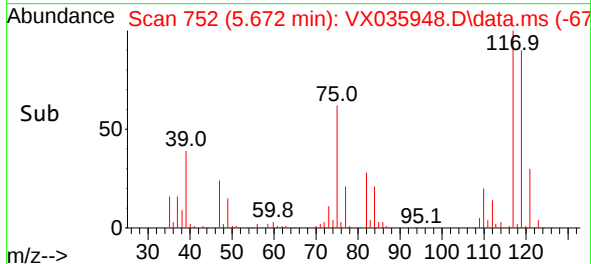
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:117 Resp: 62299
Ion Ratio Lower Upper
117 100
119 89.6 73.3 109.9
121 30.2 24.0 36.0

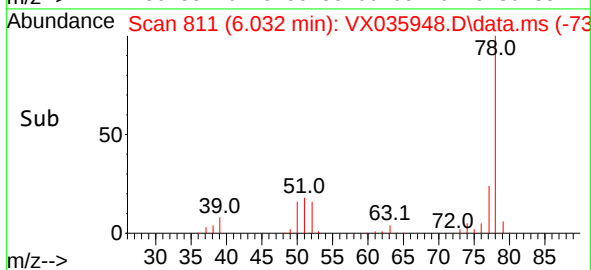
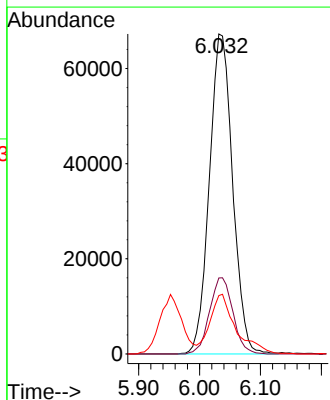
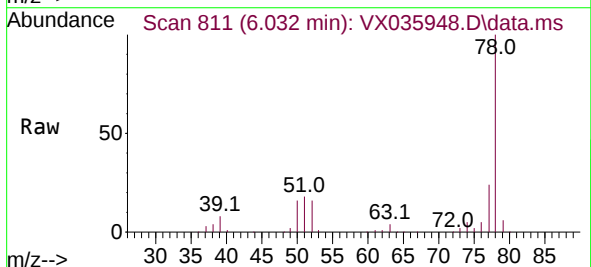
Manual Integrations
APPROVED

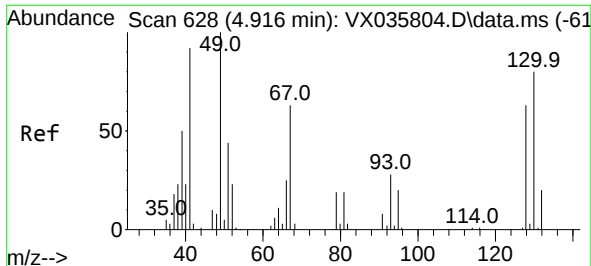
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#34
Benzene
Concen: 19.994 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

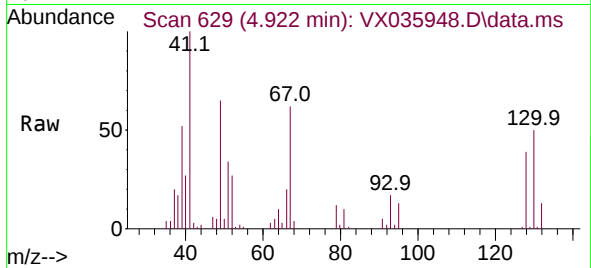
Tgt Ion: 78 Resp: 178572
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4
51 18.0 14.6 21.8





#35
Methacrylonitrile
Concen: 19.686 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

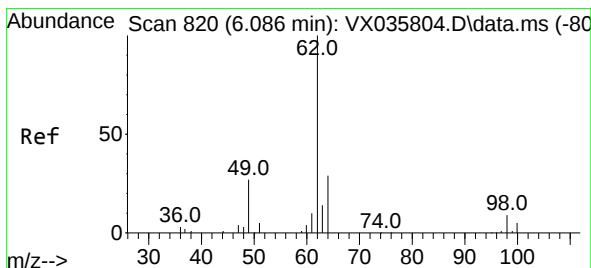
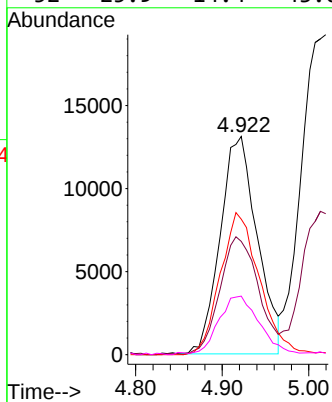
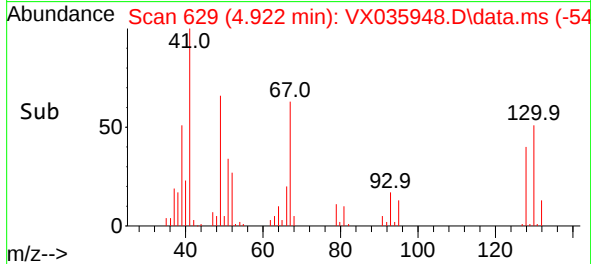
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 41 Resp: 38930
Ion Ratio Lower Upper
41 100
39 51.6 28.0 84.0
67 62.4 31.6 94.7
52 25.9 14.4 43.0

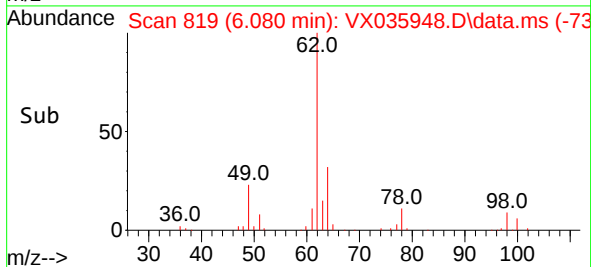
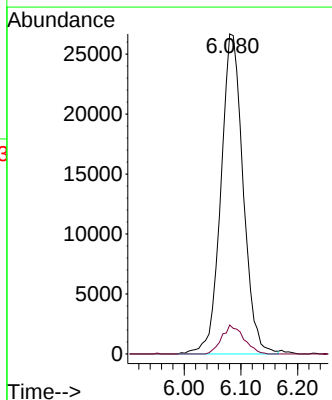
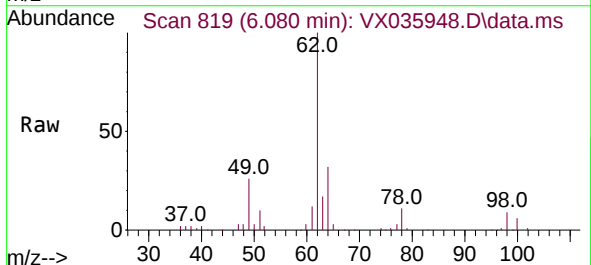
Manual Integrations
APPROVED

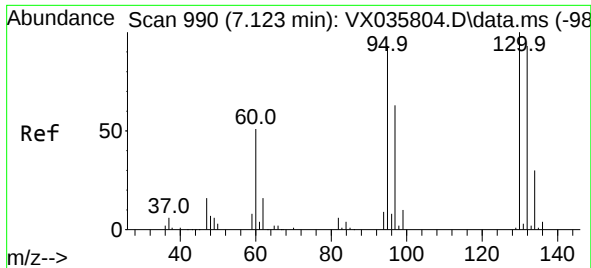
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#36
1,2-Dichloroethane
Concen: 20.913 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

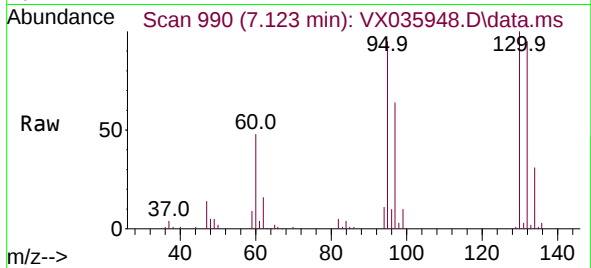
Tgt Ion: 62 Resp: 72691
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#37
Trichloroethene
Concen: 20.641 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

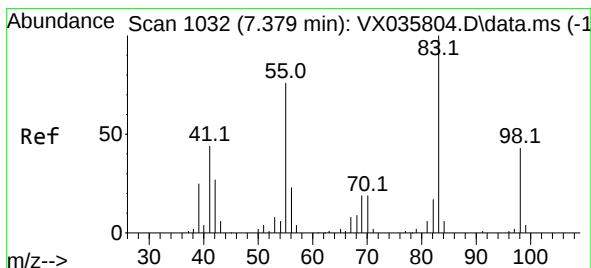
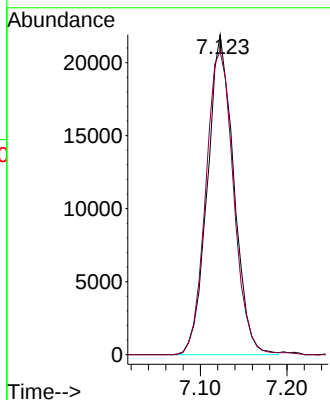
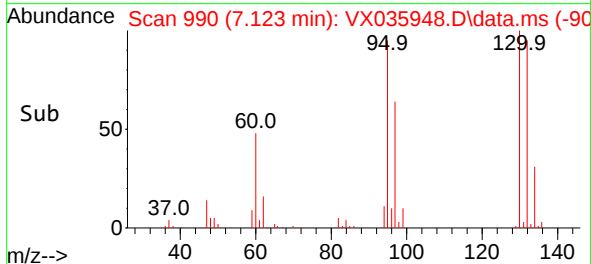
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:130 Resp: 46339
Ion Ratio Lower Upper
130 100
95 94.6 77.8 116.6

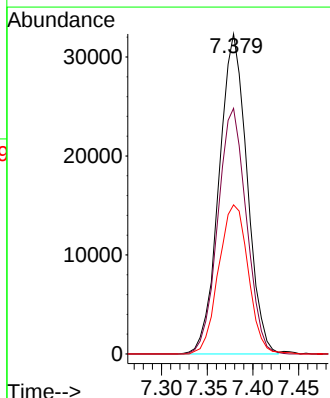
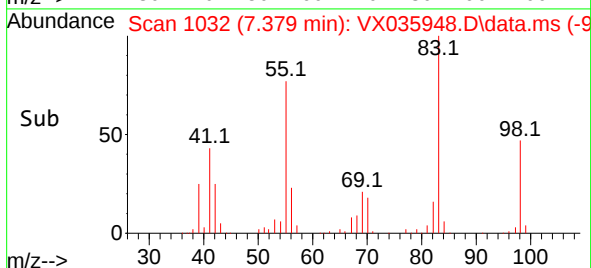
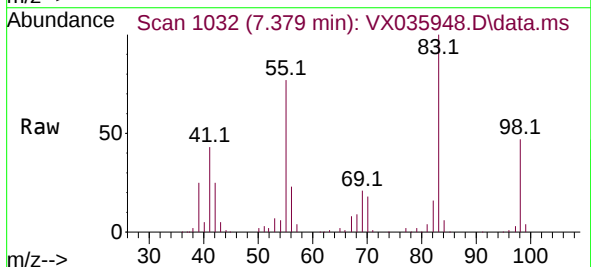
Manual Integrations
APPROVED

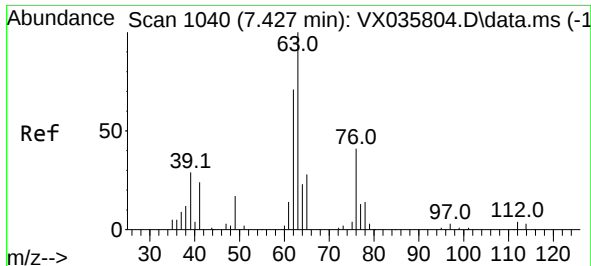
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#38
Methylcyclohexane
Concen: 22.231 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 83 Resp: 69023
Ion Ratio Lower Upper
83 100
55 77.9 38.8 116.4
98 49.2 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.321 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 63 Resp: 4644

Ion Ratio Lower Upper

63 100

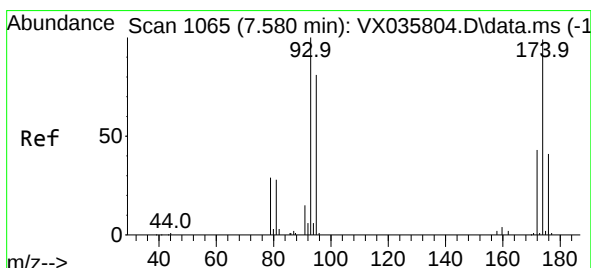
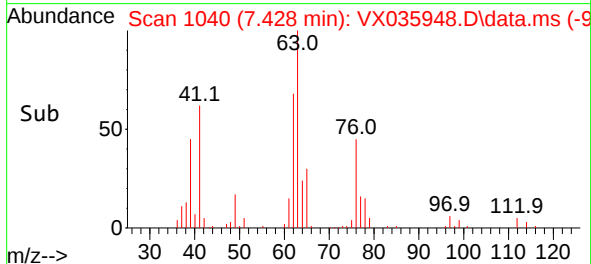
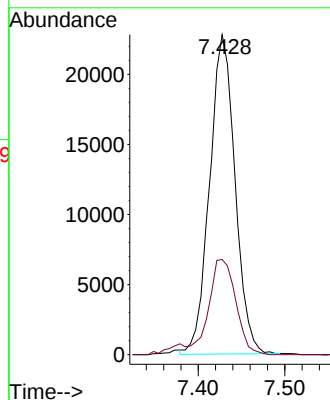
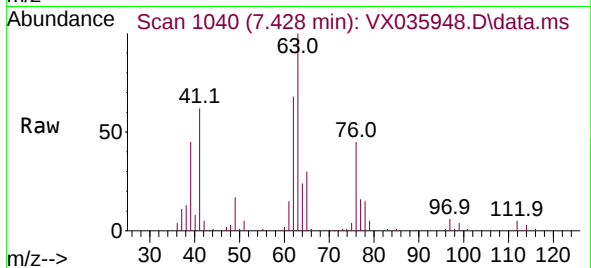
65 29.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#40

Dibromomethane

Concen: 20.001 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

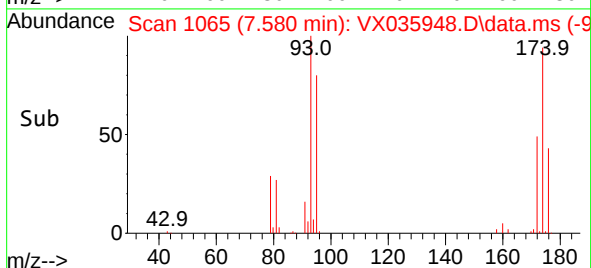
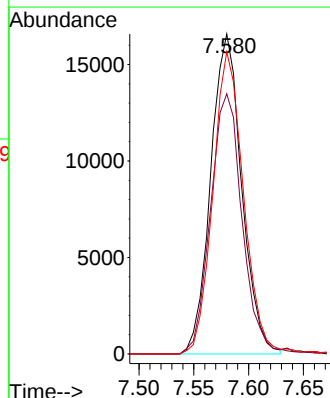
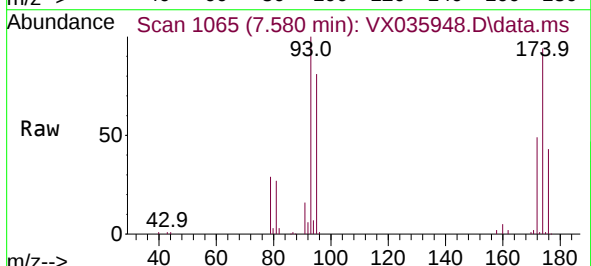
Tgt Ion: 93 Resp: 32519

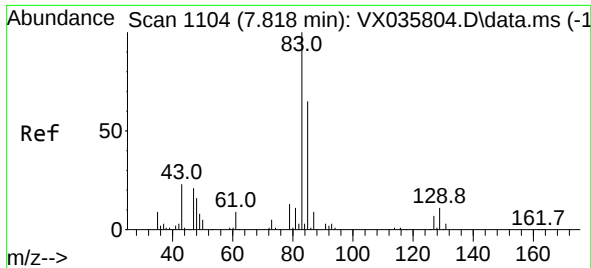
Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.8

174 93.4 0.0 188.8





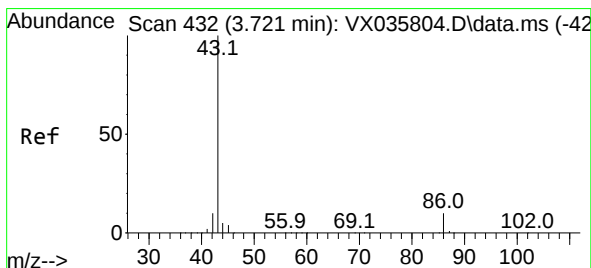
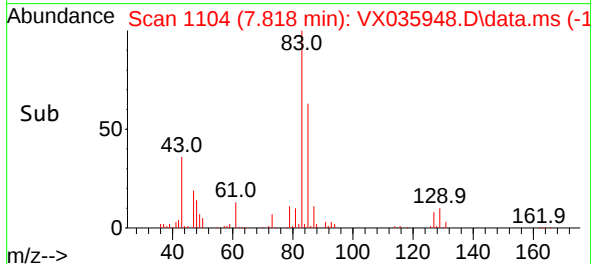
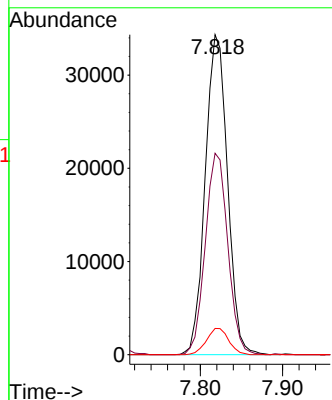
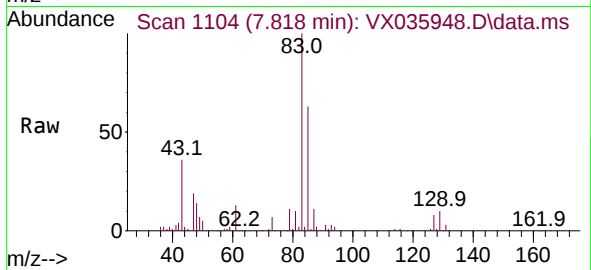
#41
Bromodichloromethane
Concen: 21.967 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 83 Resp: 64568
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7
127 8.2 8.2 12.4

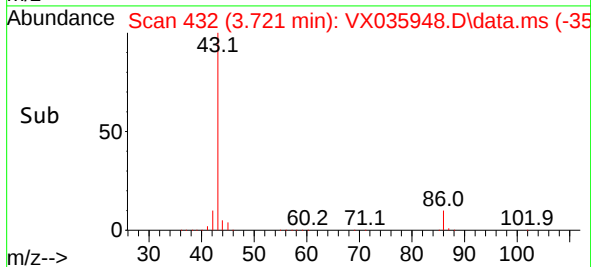
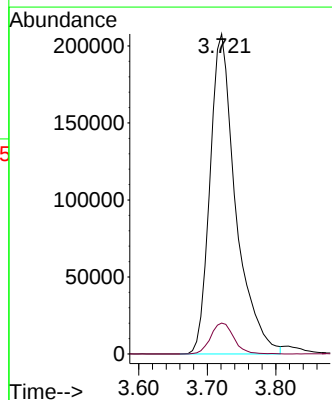
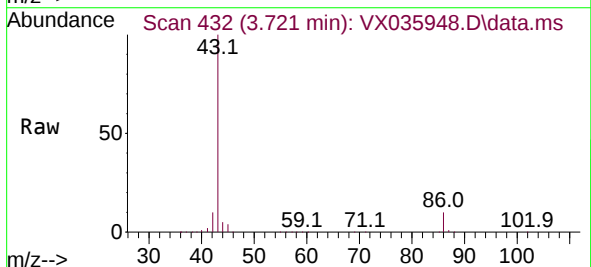
Manual Integrations
APPROVED

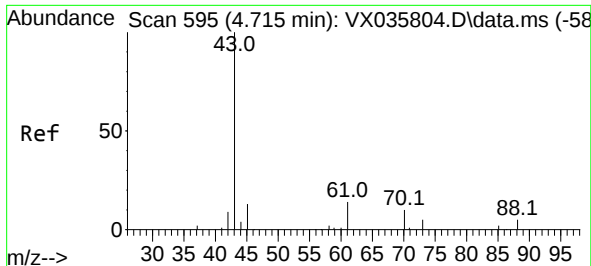
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
Vinyl Acetate
Concen: 99.877 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

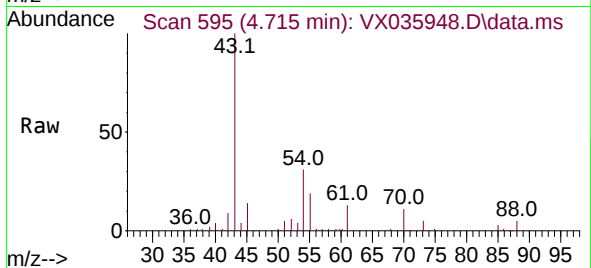
Tgt Ion: 43 Resp: 543697
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





#43
Ethyl Acetate
Concen: 18.745 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

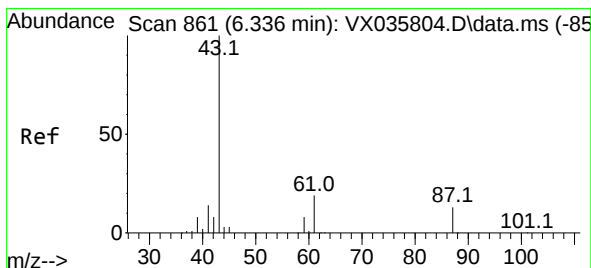
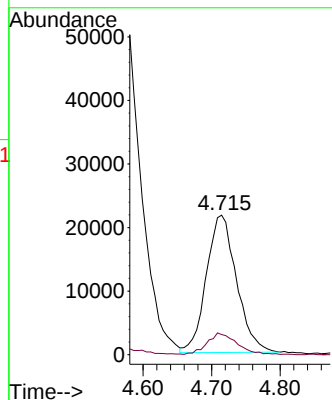
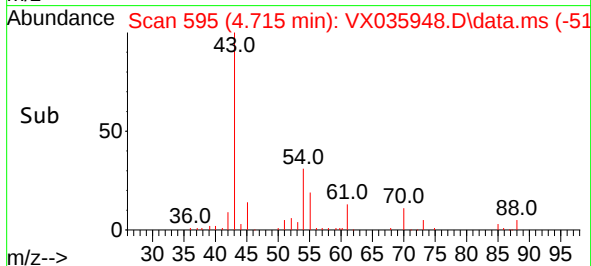
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



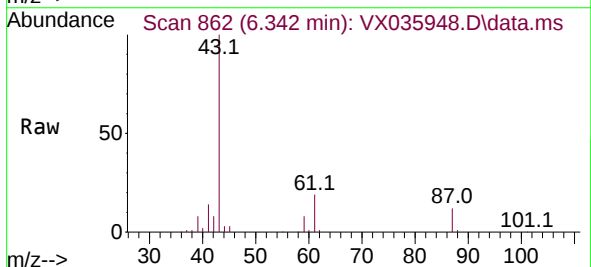
Tgt Ion: 43 Resp: 66250
Ion Ratio Lower Upper
43 100
45 15.2 12.0 18.0

Manual Integrations
APPROVED

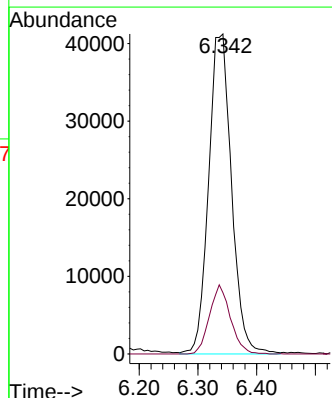
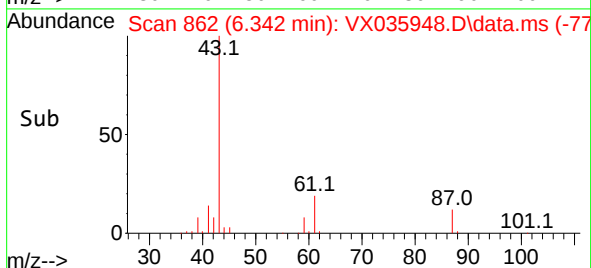
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

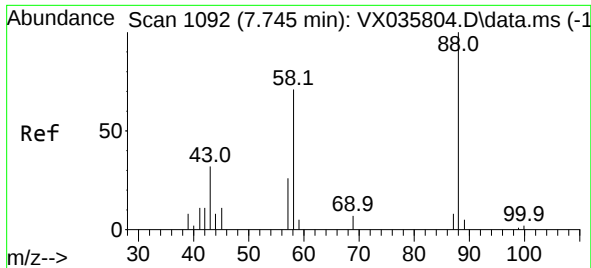


#44
Isopropyl Acetate
Concen: 19.410 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27



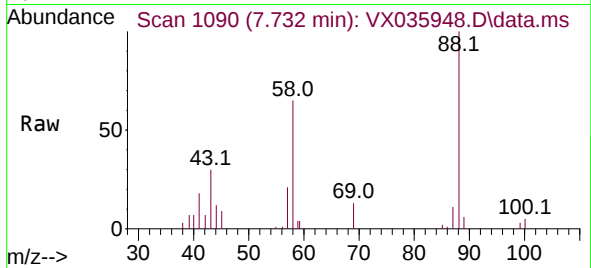
Tgt Ion: 43 Resp: 111827
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0





#45
1,4-Dioxane
Concen: 462.248 ug/l
RT: 7.732 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

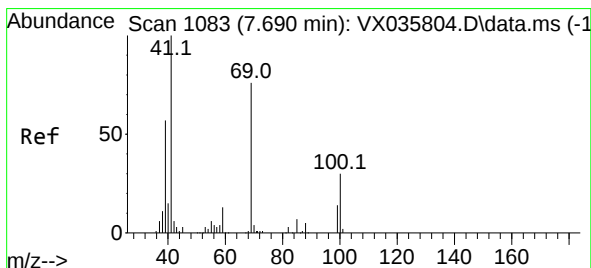
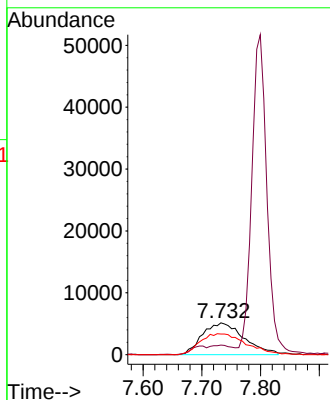
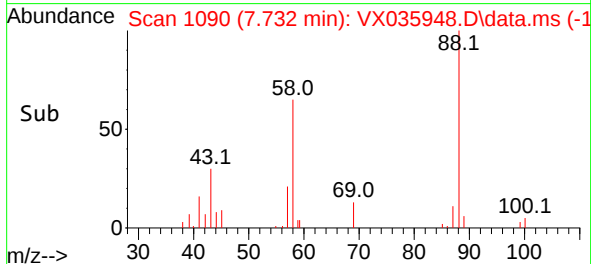
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 88 Resp: 25294
Ion Ratio Lower Upper
88 100
43 15.3 26.5 39.7
58 72.1 55.6 83.4

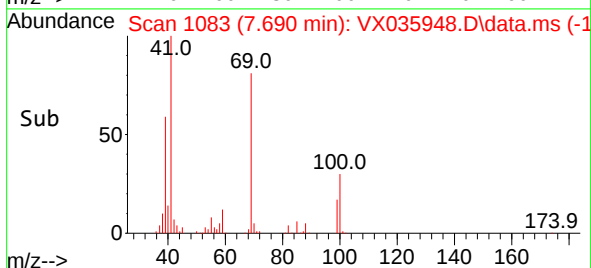
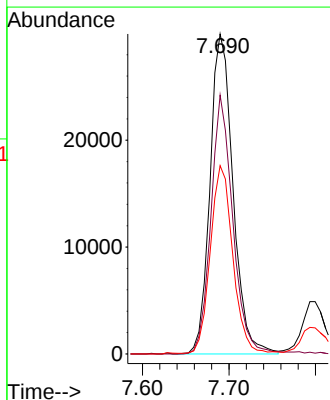
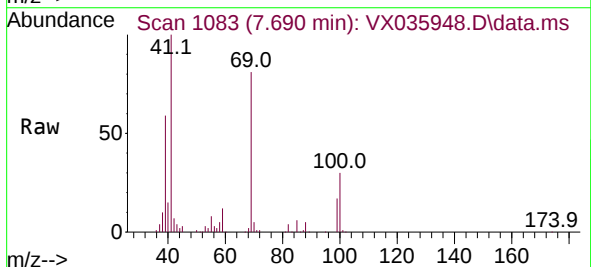
Manual Integrations
APPROVED

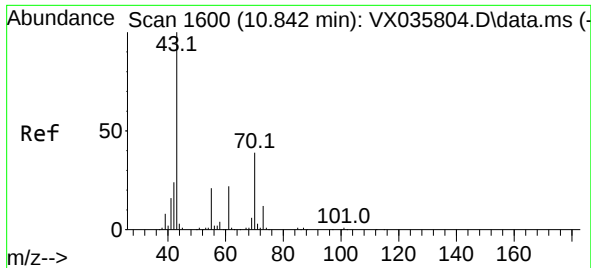
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#46
Methyl methacrylate
Concen: 19.845 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

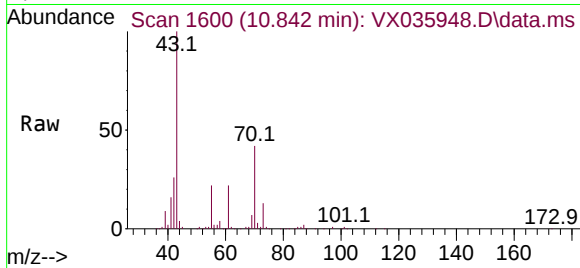
Tgt Ion: 41 Resp: 55242
Ion Ratio Lower Upper
41 100
69 80.9 38.1 114.5
39 58.7 31.4 94.3





#47
n-amy1 Acetate
Concen: 18.756 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

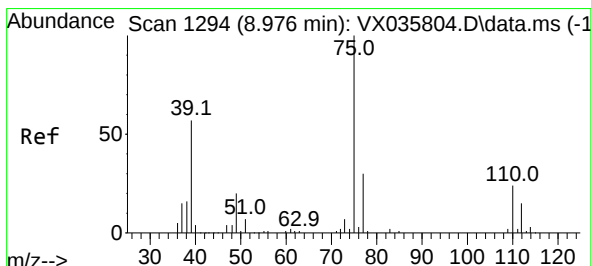
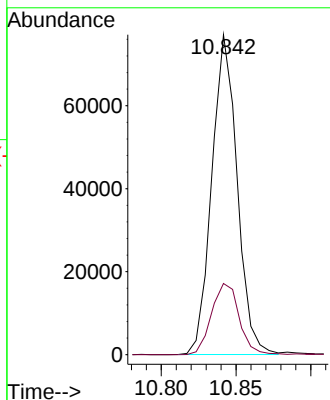
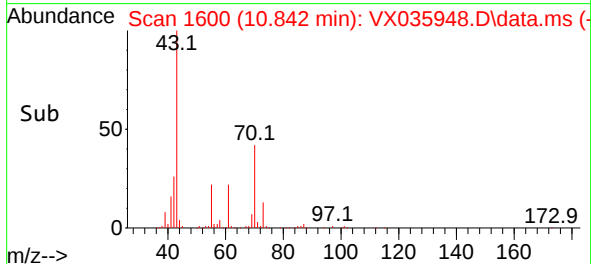
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 43 Resp: 9076
Ion Ratio Lower Upper
43 100
55 24.4 18.6 28.0

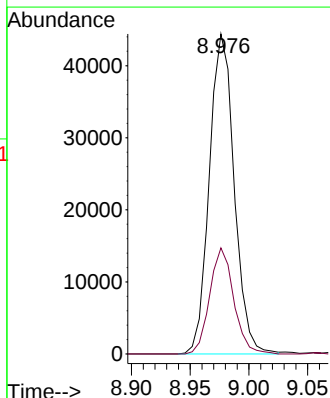
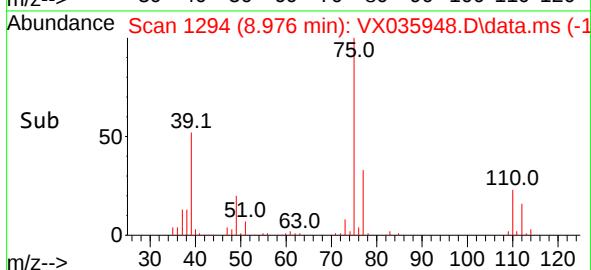
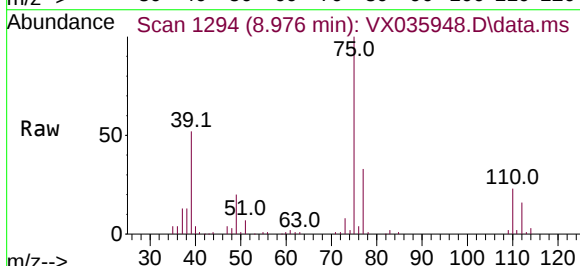
Manual Integrations
APPROVED

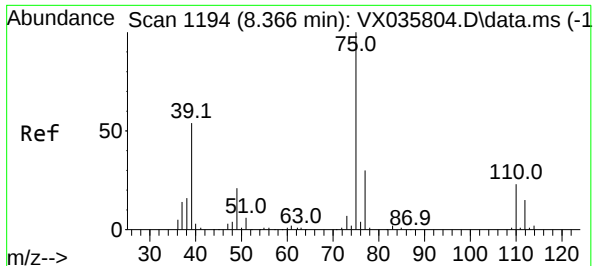
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
t-1,3-Dichloropropene
Concen: 20.140 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 75 Resp: 65490
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 20.404 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 75 Resp: 7322

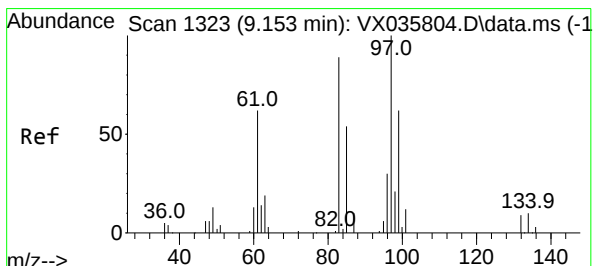
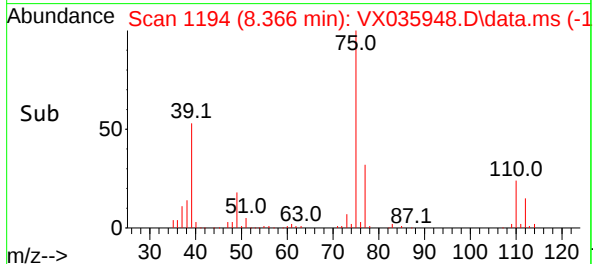
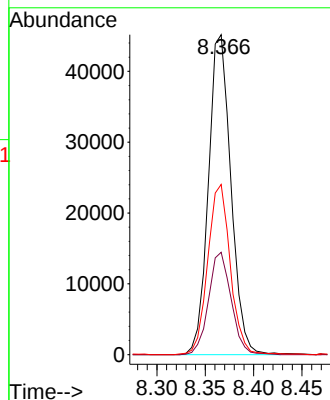
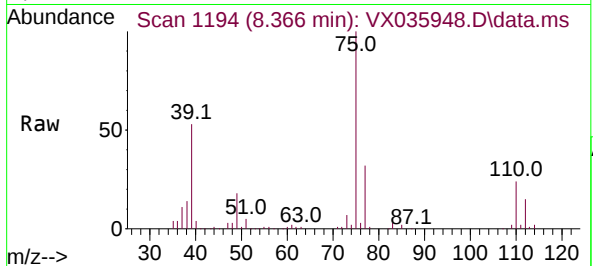
Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
39	53.0	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#50

1,1,2-Trichloroethane

Concen: 20.715 ug/l

RT: 9.147 min Scan# 1322

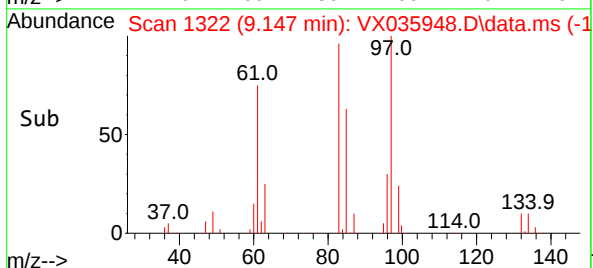
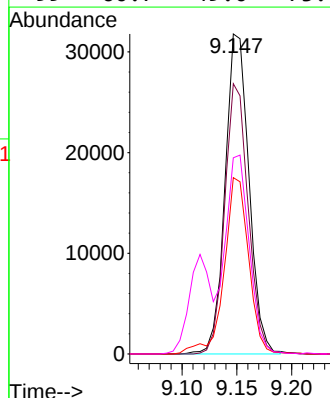
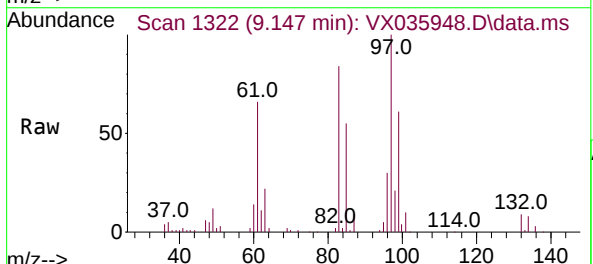
Delta R.T. -0.006 min

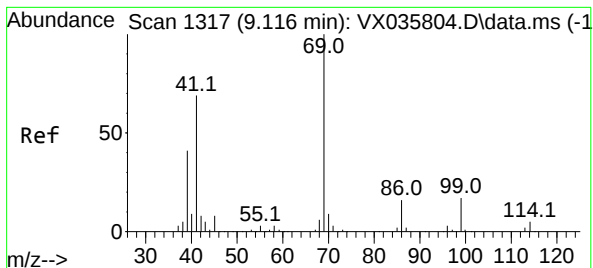
Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Tgt Ion: 97 Resp: 48186

Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.9	103.3
85	54.8	44.0	66.0
99	60.7	49.0	73.4





#51

Ethyl methacrylate

Concen: 19.694 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 69 Resp: 70619

Ion Ratio Lower Upper

69 100

41 67.5 36.2 108.6

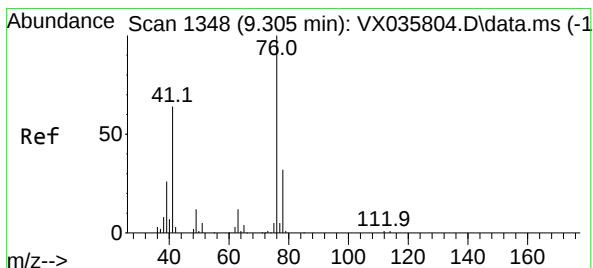
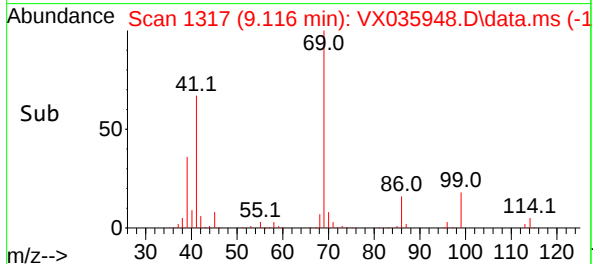
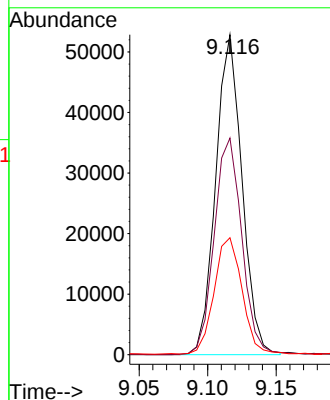
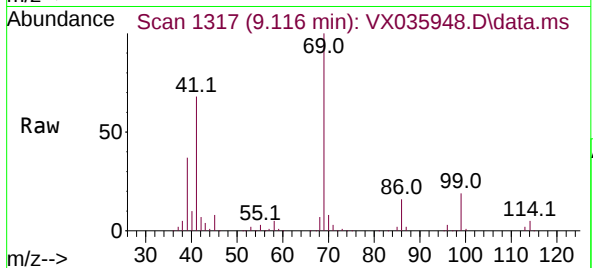
39 36.3 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#52

1,3-Dichloropropane

Concen: 20.133 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX035948.D

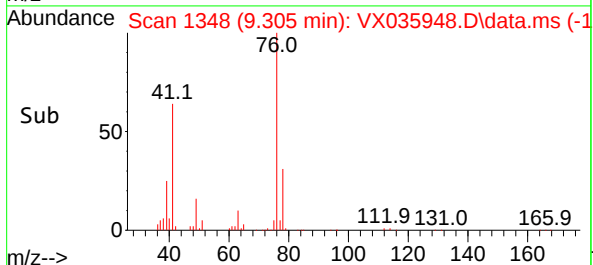
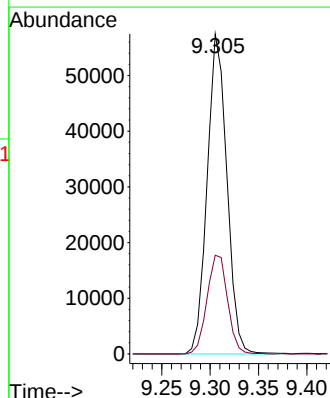
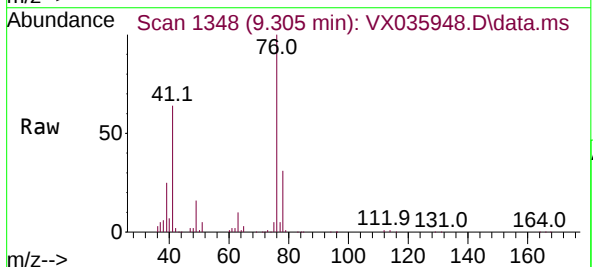
Acq: 01 Jun 2023 10:27

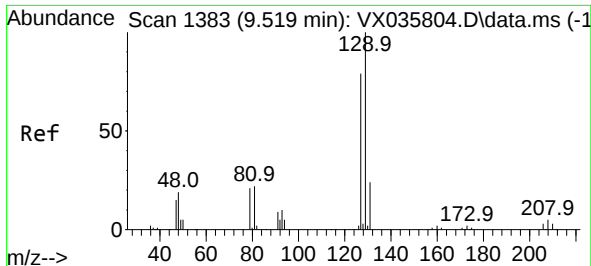
Tgt Ion: 76 Resp: 81612

Ion Ratio Lower Upper

76 100

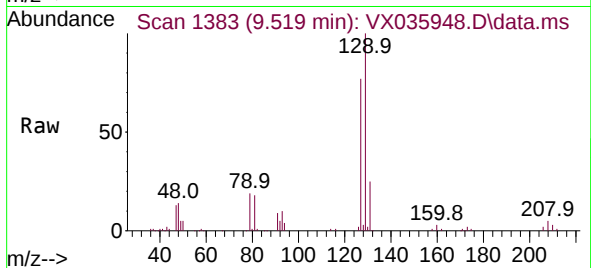
78 32.1 0.0 63.8





#53
Dibromochloromethane
Concen: 21.187 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

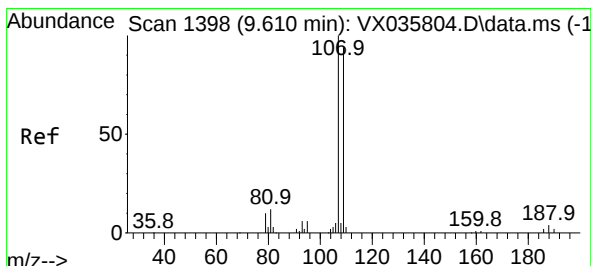
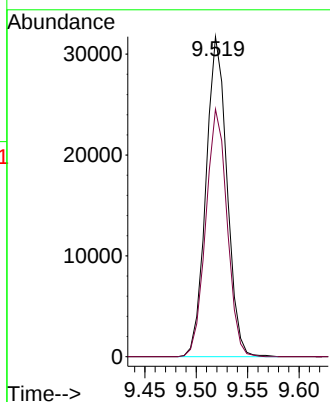
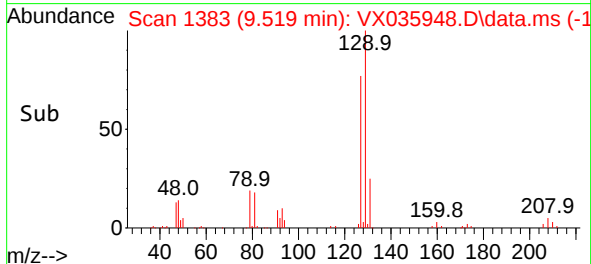
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



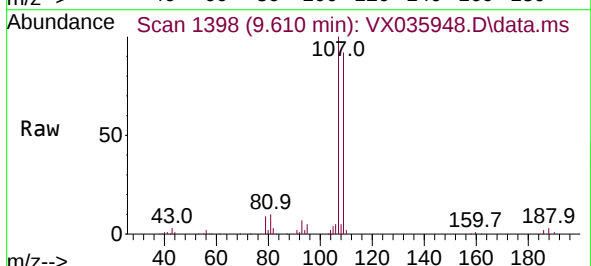
Tgt Ion:129 Resp: 45197
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5

Manual Integrations
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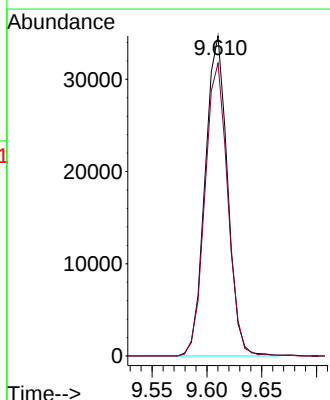
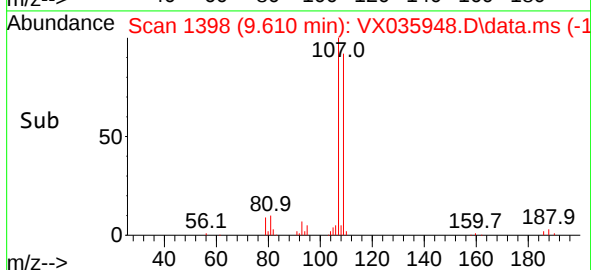
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

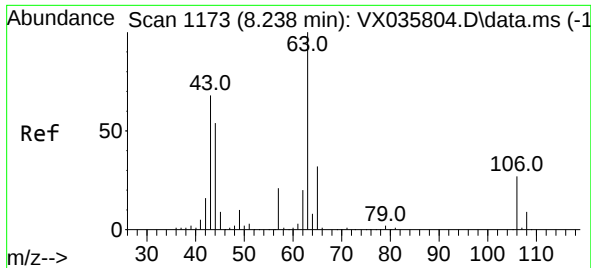


#54
1,2-Dibromoethane
Concen: 20.368 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27



Tgt Ion:107 Resp: 49223
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2





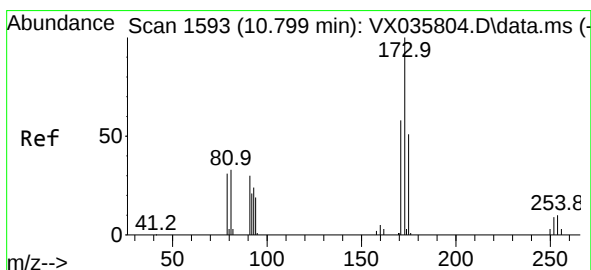
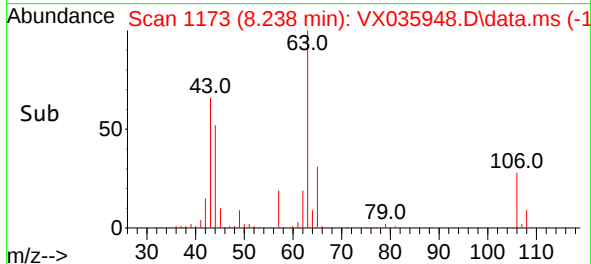
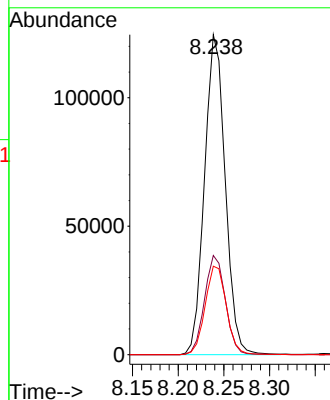
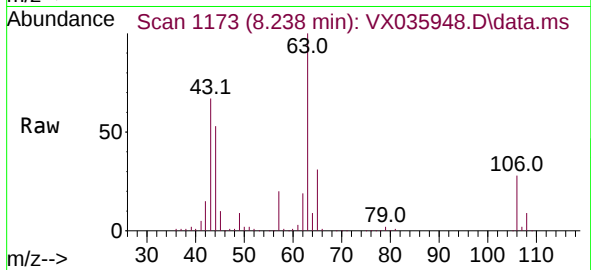
#55
2-Chloroethyl vinyl ether
Concen: 102.986 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 63 Resp: 19596
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2
106 28.3 21.6 32.4

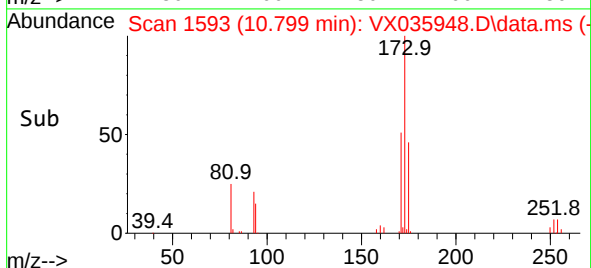
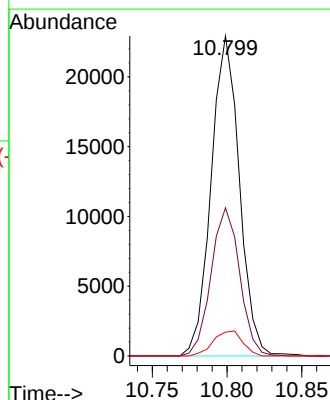
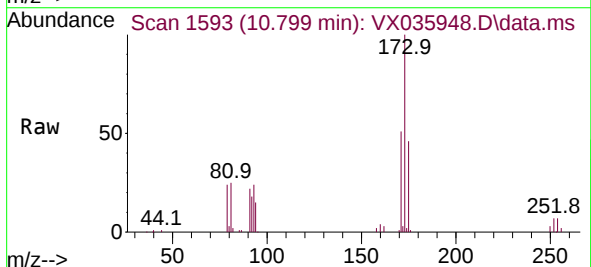
Manual Integrations
APPROVED

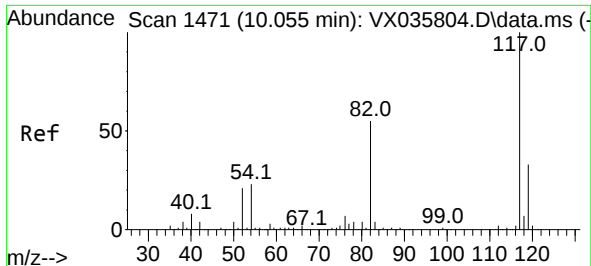
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#56
Bromoform
Concen: 21.784 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion:173 Resp: 30124
Ion Ratio Lower Upper
173 100
175 46.9 37.0 55.4
254 8.1 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 117 Resp: 18514

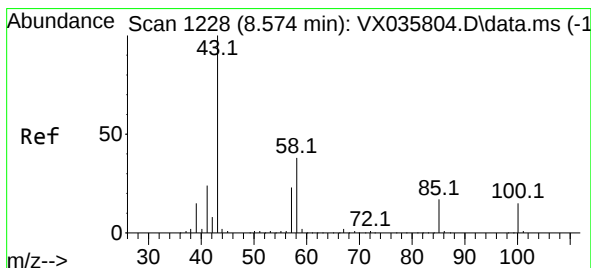
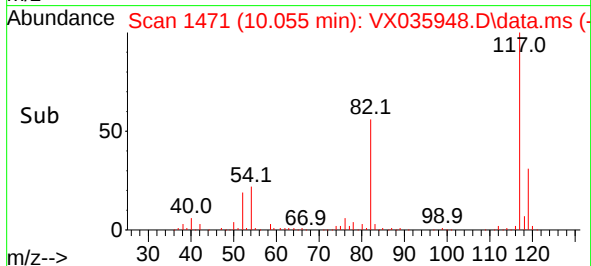
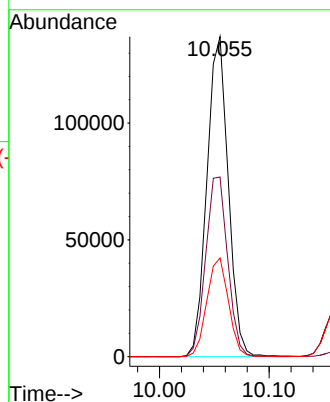
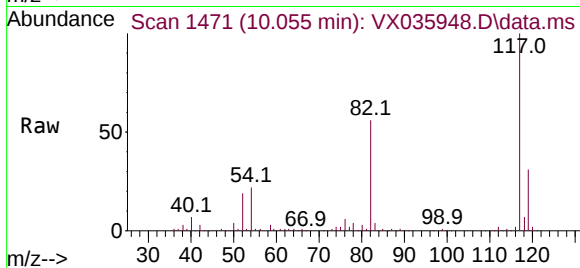
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.8
119	31.2	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#58

4-Methyl-2-Pentanone

Concen: 98.590 ug/l

RT: 8.574 min Scan# 1228

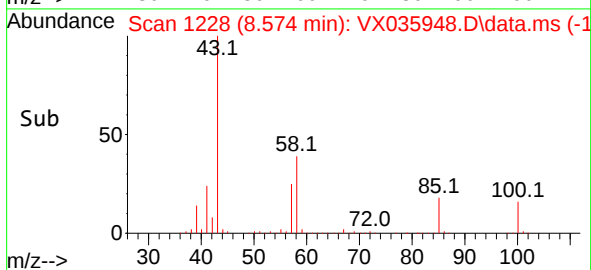
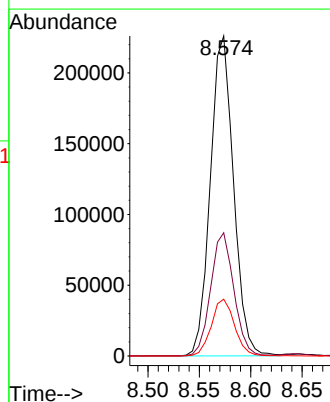
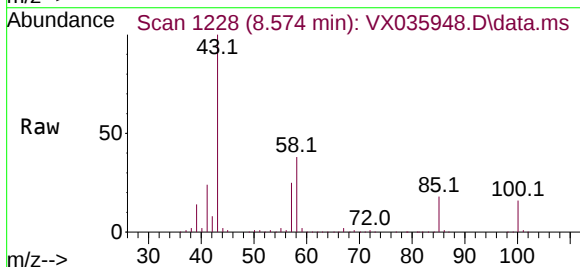
Delta R.T. 0.000 min

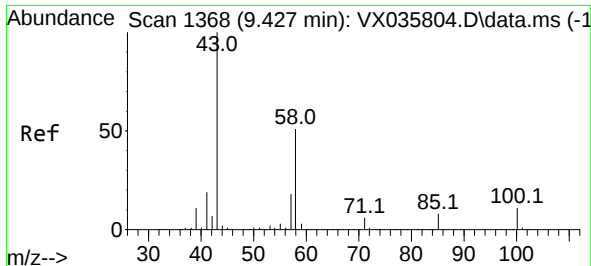
Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Tgt Ion: 43 Resp: 354545

Ion	Ratio	Lower	Upper
43	100		
58	38.6	29.9	44.9
85	17.8	13.2	19.8





#59

2-Hexanone

Concen: 100.088 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 43 Resp: 27083

Ion Ratio Lower Upper

43 100

58 53.1 41.7 62.5

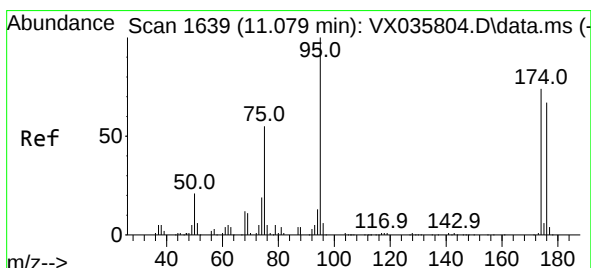
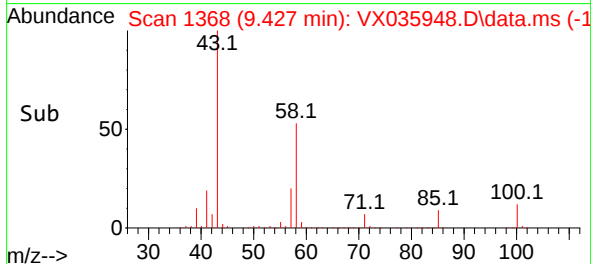
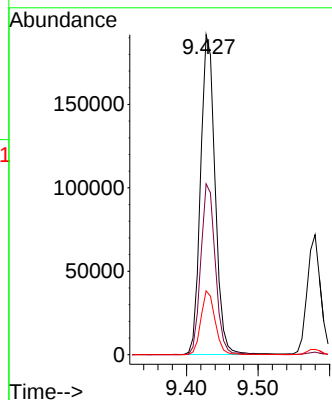
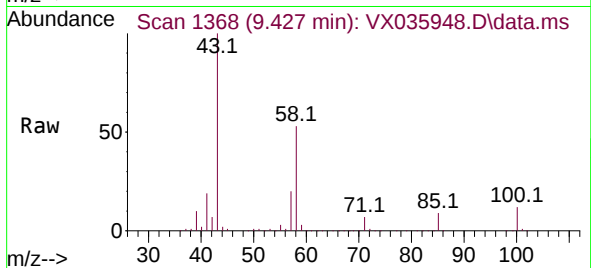
57 19.4 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#60

4-Bromofluorobenzene

Concen: 31.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

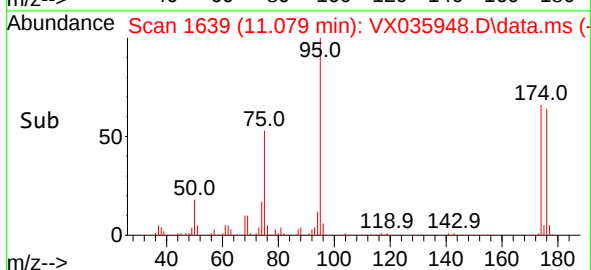
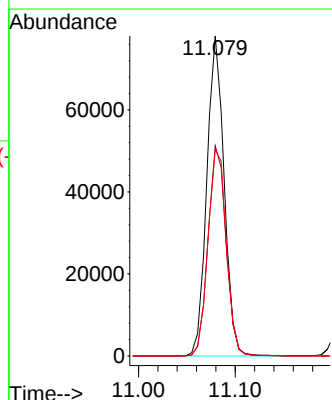
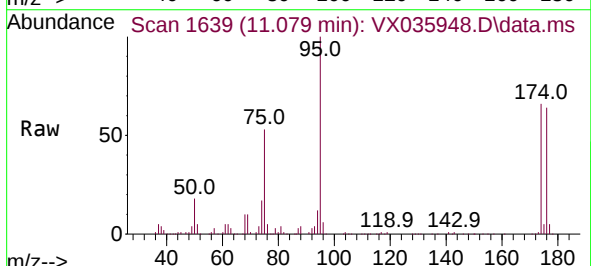
Tgt Ion: 95 Resp: 97052

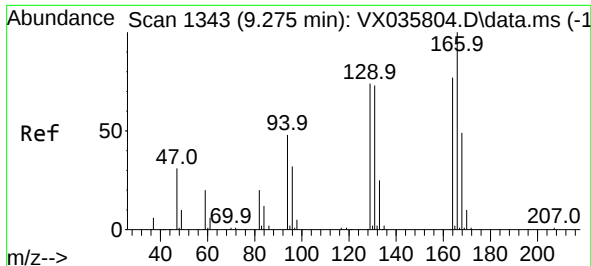
Ion Ratio Lower Upper

95 100

174 68.2 0.2 0.4#

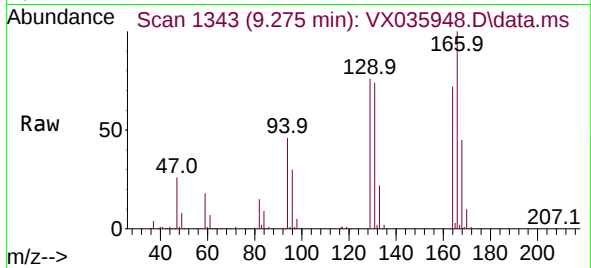
176 68.3 0.2 0.2#





#61
Tetrachloroethene
Concen: 21.200 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

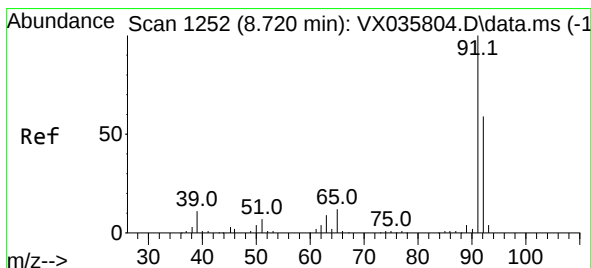
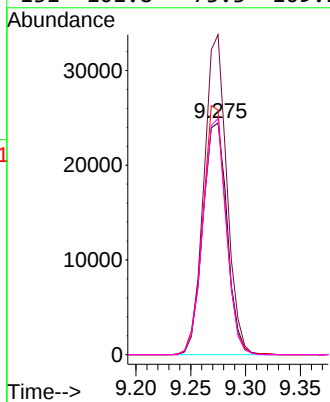
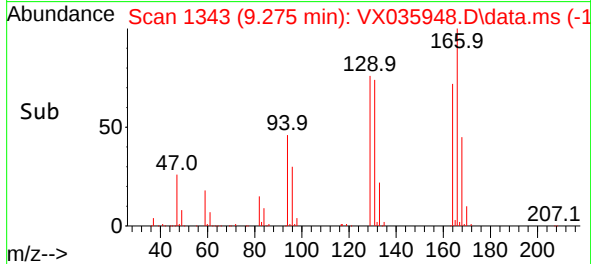
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:164 Resp: 3780
Ion Ratio Lower Upper
164 100
166 138.1 100.1 150.1
129 105.6 79.1 118.7
131 101.8 73.3 109.9

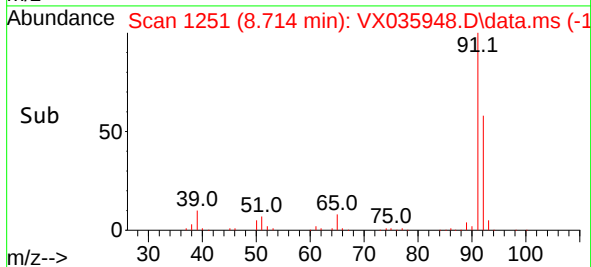
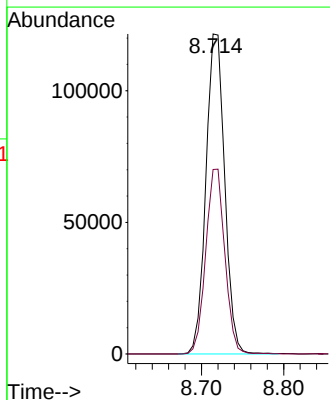
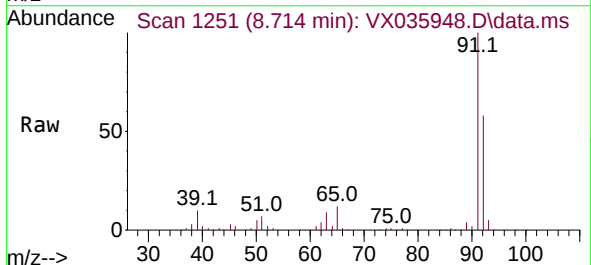
Manual Integrations
APPROVED

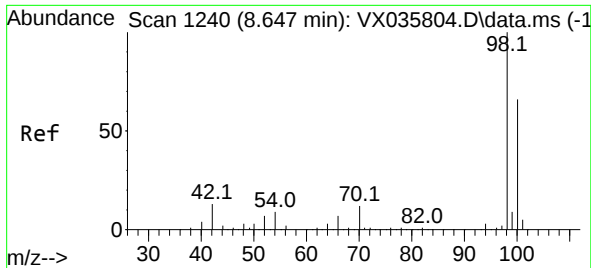
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#62
Toluene
Concen: 20.252 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

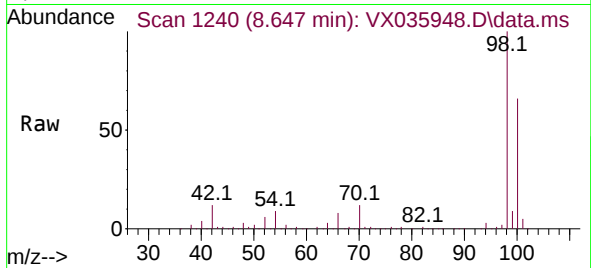
Tgt Ion: 91 Resp: 193087
Ion Ratio Lower Upper
91 100
92 58.7 46.5 69.7





#63
Toluene-d8
Concen: 30.048 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

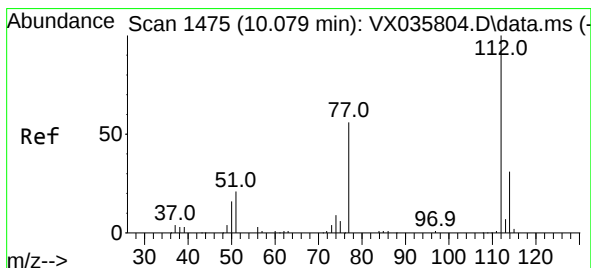
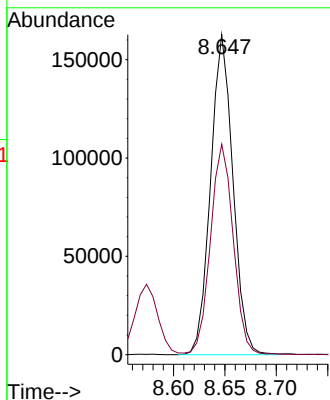
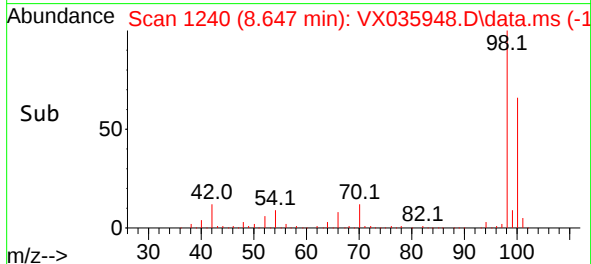
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



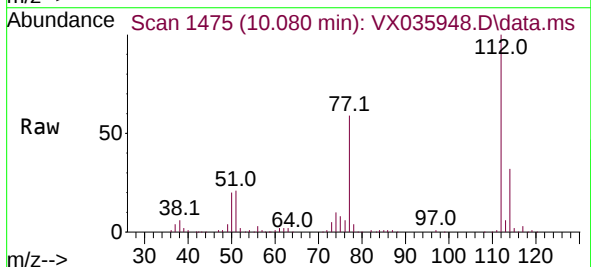
Tgt Ion: 98 Resp: 245936
Ion Ratio Lower Upper
98 100
100 67.1 52.1 78.1

Manual Integrations
APPROVED

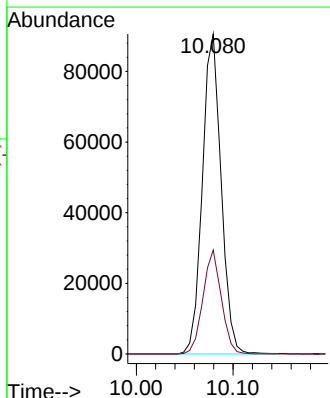
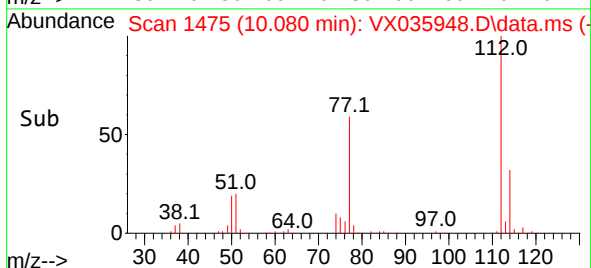
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

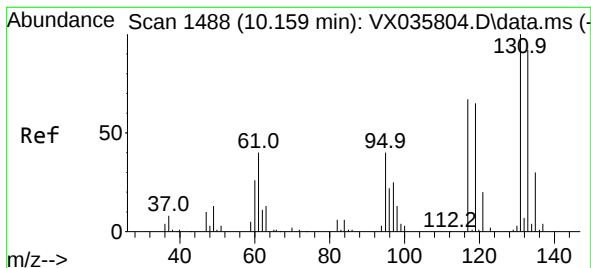


#64
Chlorobenzene
Concen: 20.278 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27



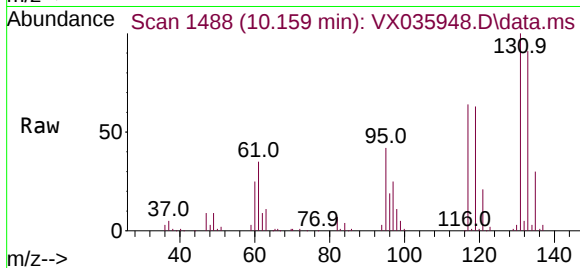
Tgt Ion:112 Resp: 122447
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 21.039 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

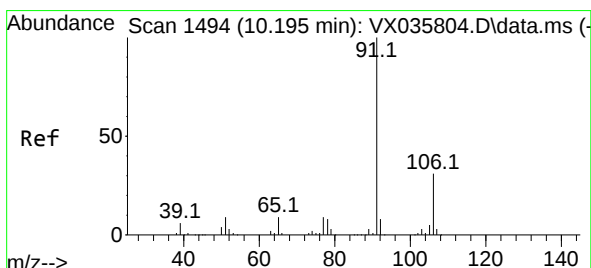
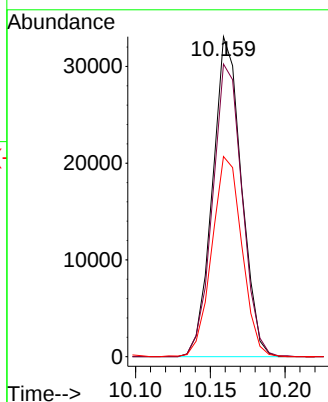
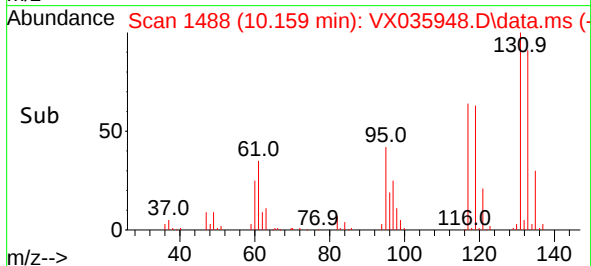
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:131 Resp: 44414
Ion Ratio Lower Upper
131 100
133 93.6 0.0 186.6
119 64.7 0.0 128.6

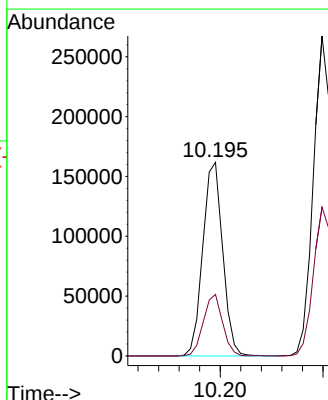
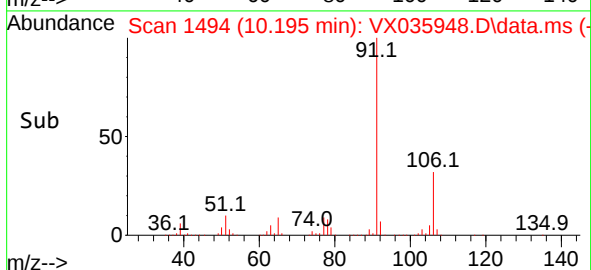
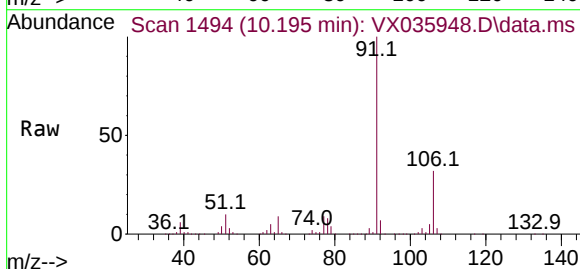
Manual Integrations
APPROVED

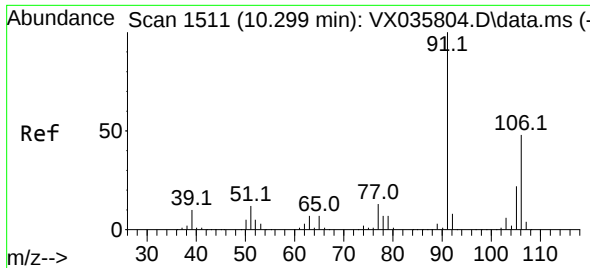
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#66
Ethyl Benzene
Concen: 20.476 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 91 Resp: 218333
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6





#67

m/p-Xylenes

Concen: 41.424 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion:106 Resp: 167192

Ion Ratio Lower Upper

106 100

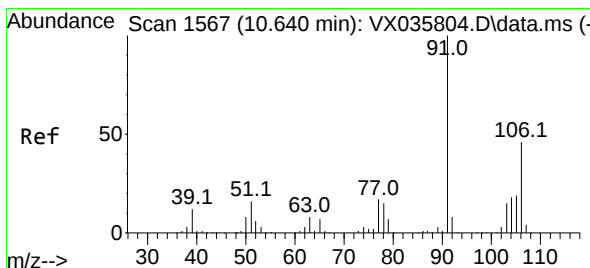
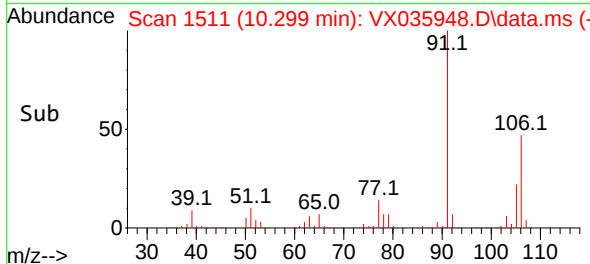
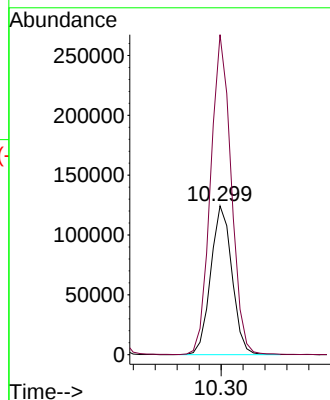
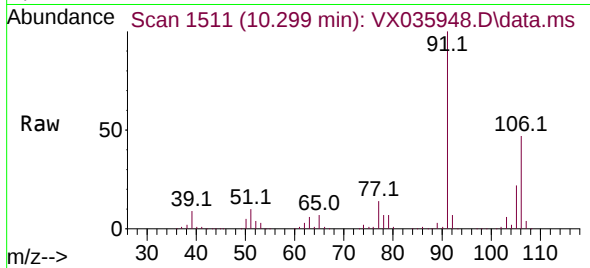
91 208.9 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#68

o-Xylene

Concen: 20.453 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035948.D

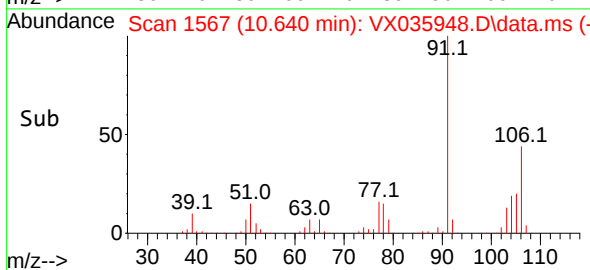
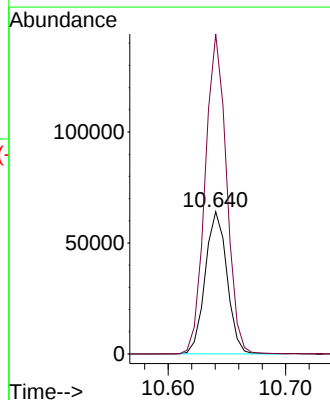
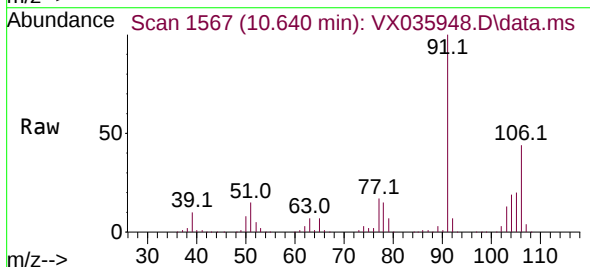
Acq: 01 Jun 2023 10:27

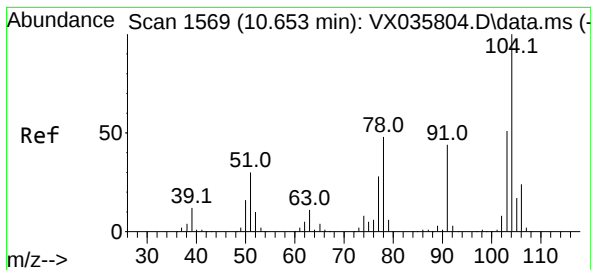
Tgt Ion:106 Resp: 82572

Ion Ratio Lower Upper

106 100

91 220.1 108.9 326.8





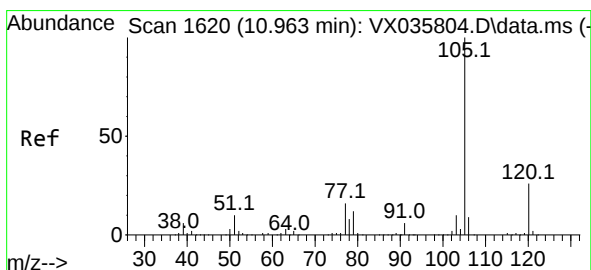
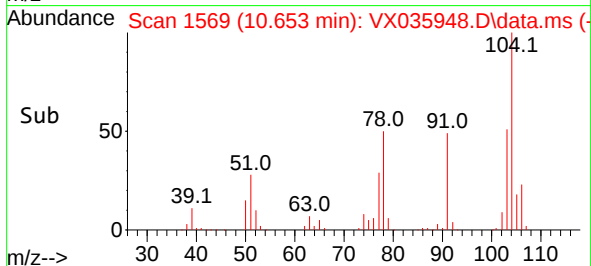
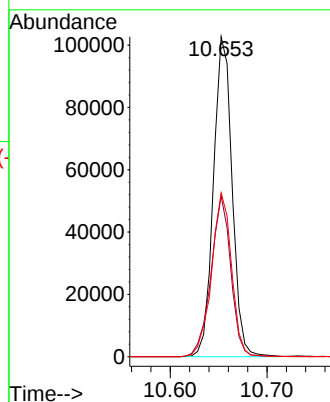
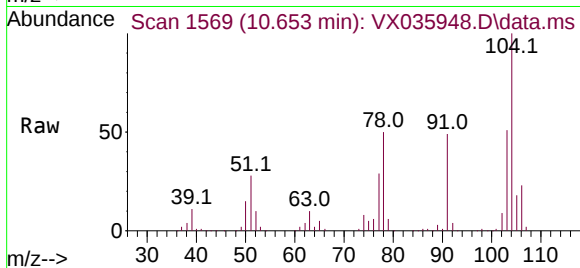
#69
Styrene
Concen: 20.610 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion:104 Resp: 137329
Ion Ratio Lower Upper
104 100
78 53.4 42.8 64.2
103 54.8 43.8 65.8

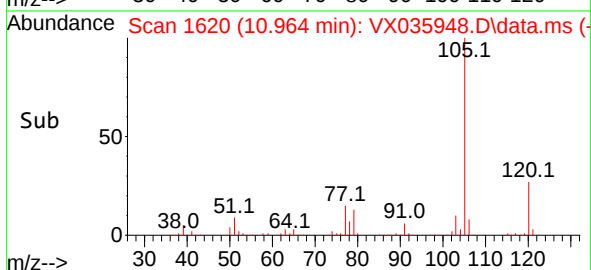
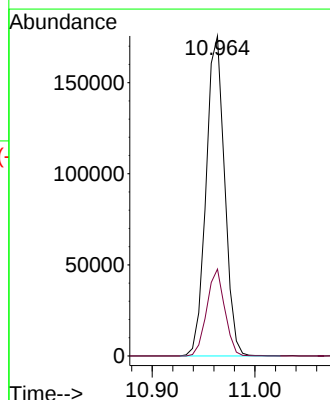
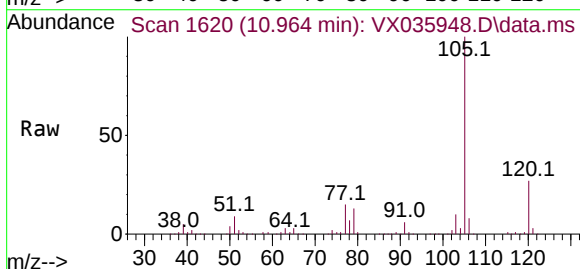
Manual Integrations
APPROVED

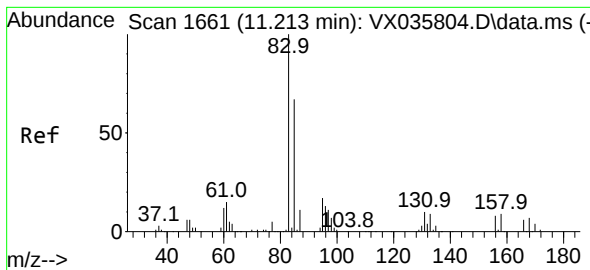
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#70
Isopropylbenzene
Concen: 21.340 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

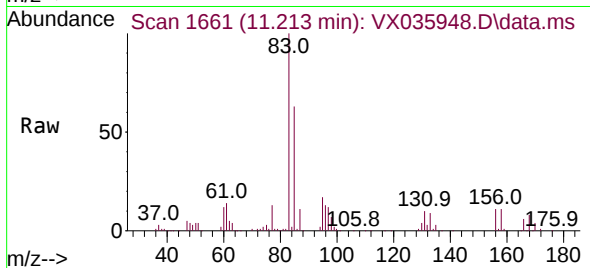
Tgt Ion:105 Resp: 219902
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.190 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

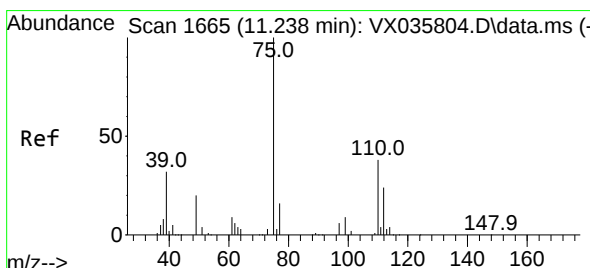
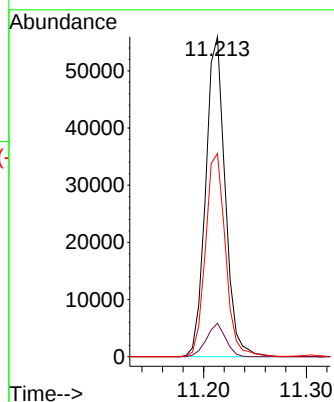
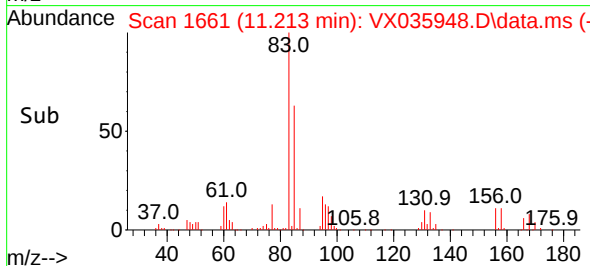
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 83 Resp: 7369
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 65.1 31.9 95.5

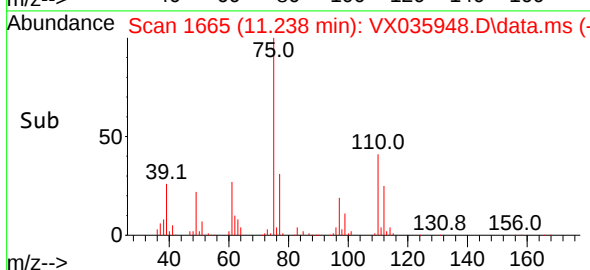
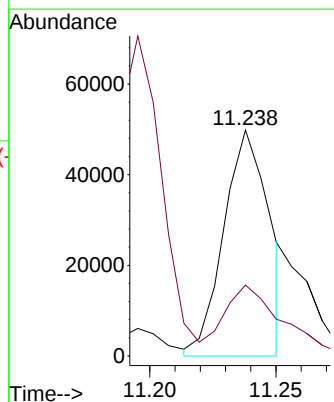
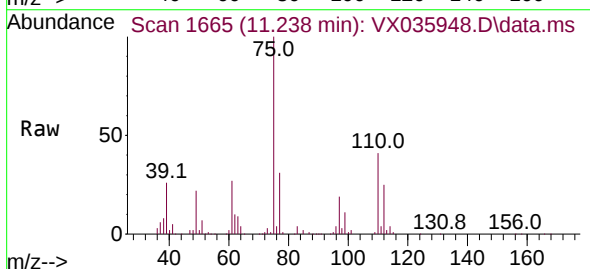
Manual Integrations
APPROVED

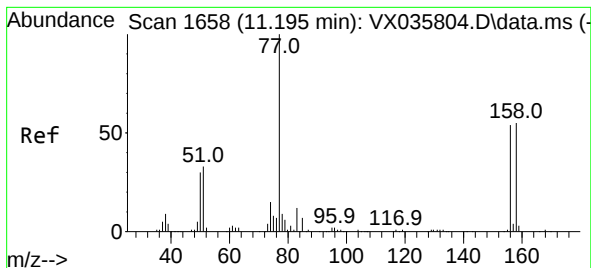
Reviewed By :John Carbone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#72
1,2,3-Trichloropropane
Concen: 19.640 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 75 Resp: 62433
Ion Ratio Lower Upper
75 100
77 40.5 0.0 73.8





#73

Bromobenzene

Concen: 20.351 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

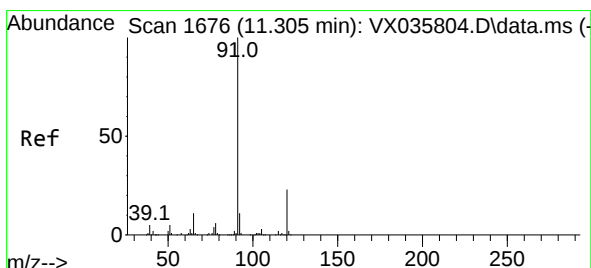
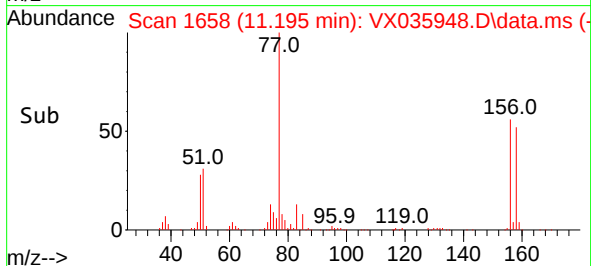
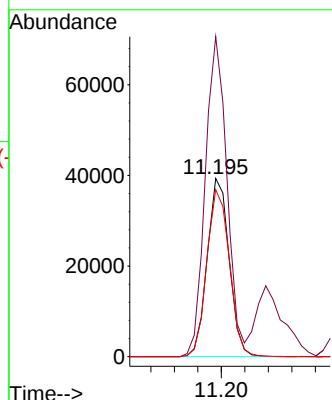
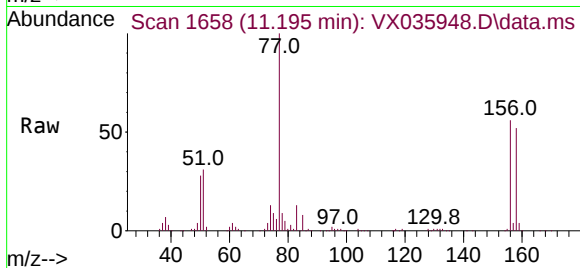
Tgt Ion:	156	Resp:	50950
Ion Ratio	Lower	Upper	
156	100		
77	176.7	0.0	330.8
158	96.4	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#74

n-propylbenzene

Concen: 20.780 ug/l

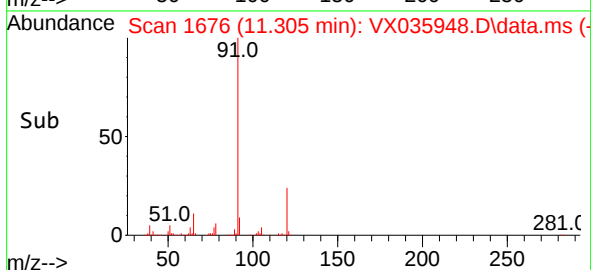
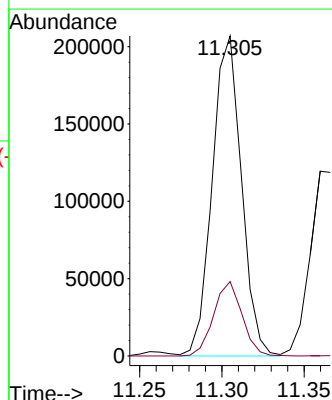
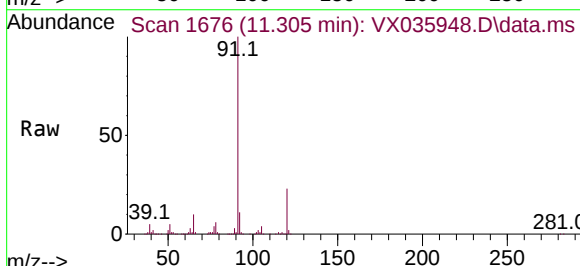
RT: 11.305 min Scan# 1676

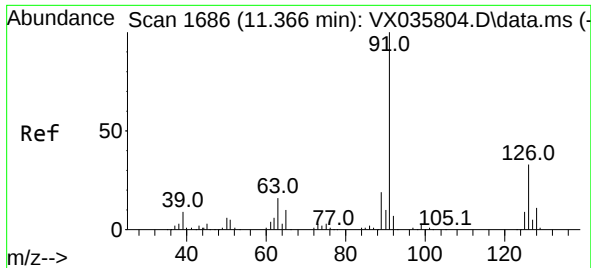
Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Tgt Ion:	91	Resp:	255243
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	44.8





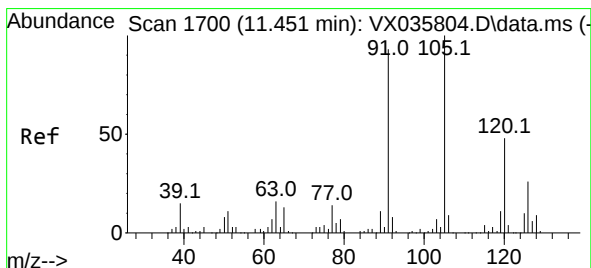
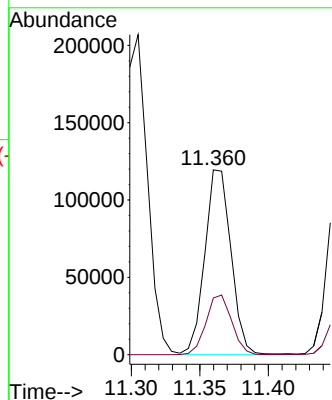
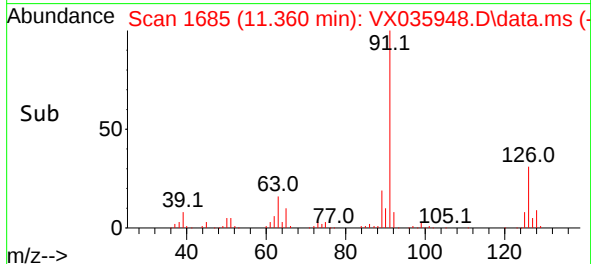
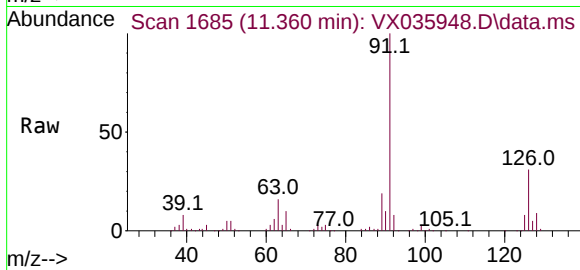
#75
2-Chlorotoluene
Concen: 21.084 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 91 Resp: 159080
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.4

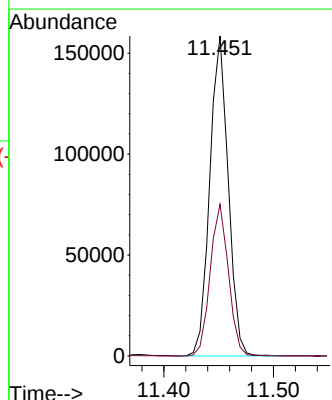
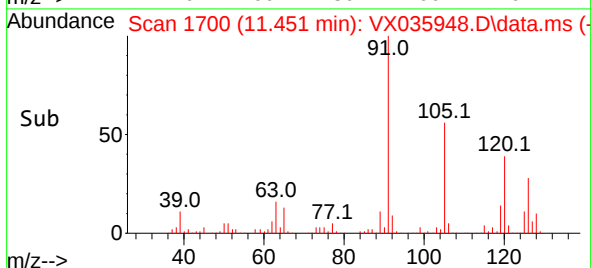
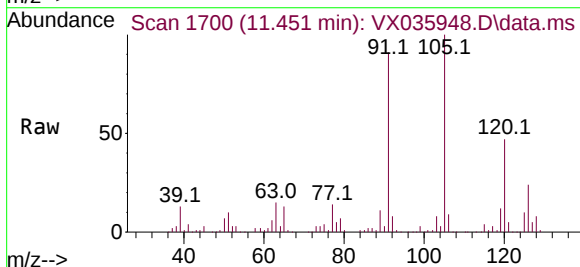
Manual Integrations
APPROVED

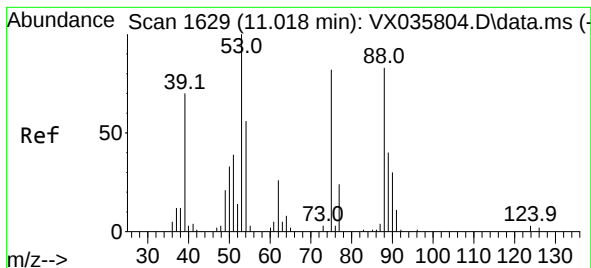
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion:105 Resp: 185312
Ion Ratio Lower Upper
105 100
120 46.7 0.0 96.4





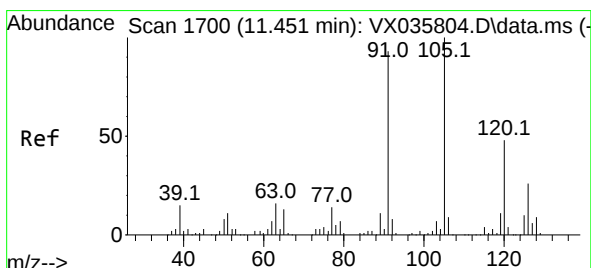
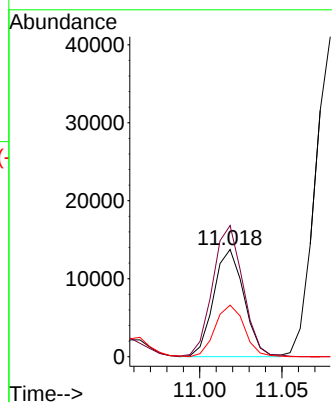
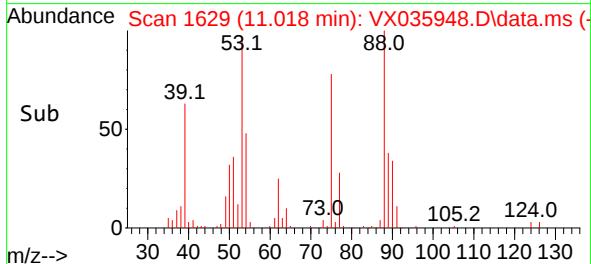
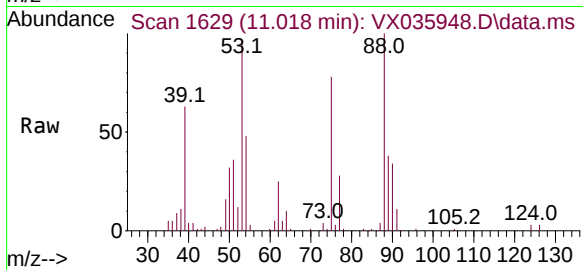
#77
t-1,4-Dichloro-2-butene
Concen: 18.469 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 75 Resp: 1771
Ion Ratio Lower Upper
75 100
53 121.8 58.2 174.6
89 47.5 20.6 61.8

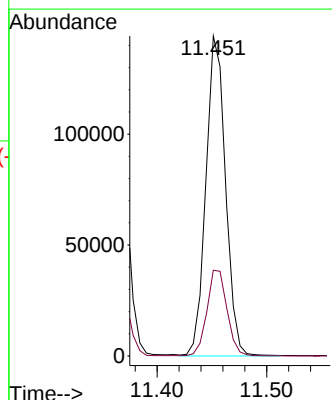
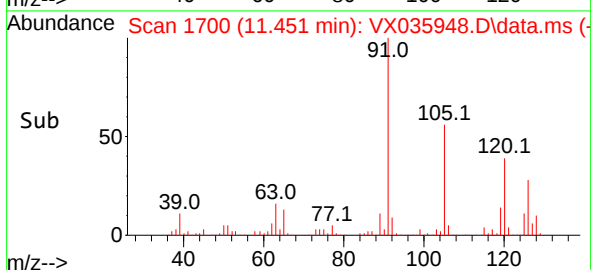
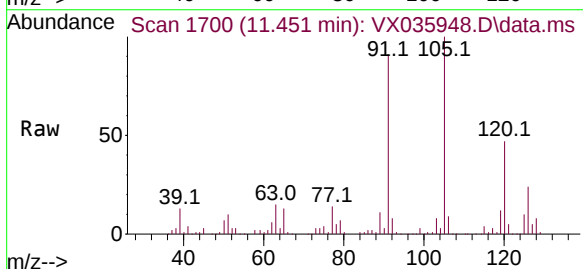
Manual Integrations
APPROVED

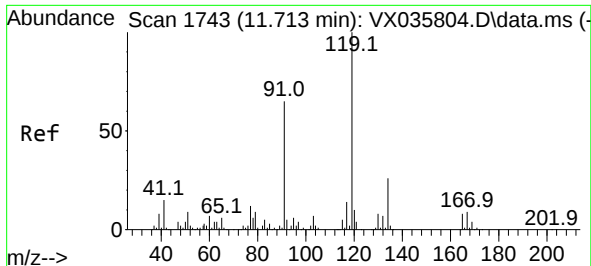
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#78
4-Chlorotoluene
Concen: 20.886 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

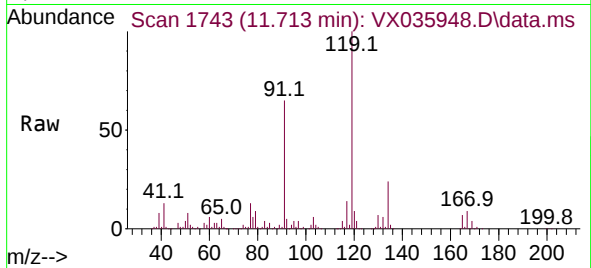
Tgt Ion: 91 Resp: 179520
Ion Ratio Lower Upper
91 100
126 27.2 0.0 56.8





#79
tert-butylbenzene
Concen: 21.067 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

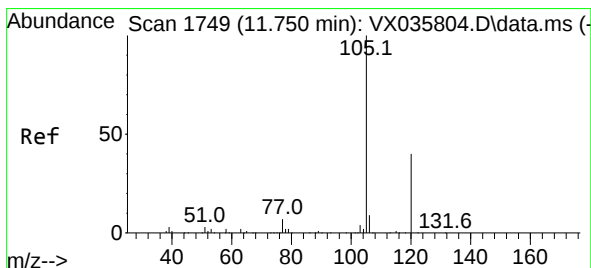
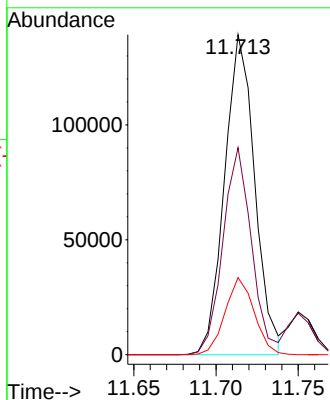
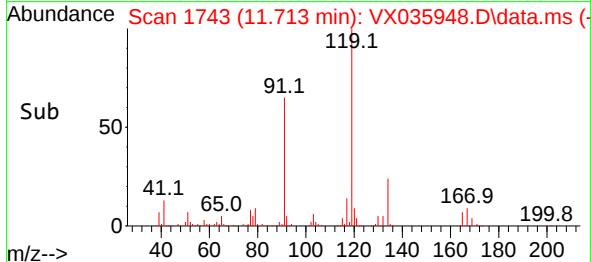
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:119 Resp: 177997
Ion Ratio Lower Upper
119 100
91 61.5 0.0 122.4
134 23.2 0.0 49.2

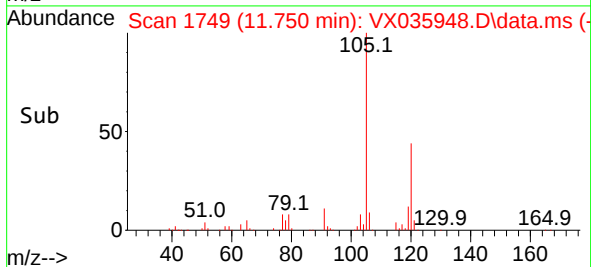
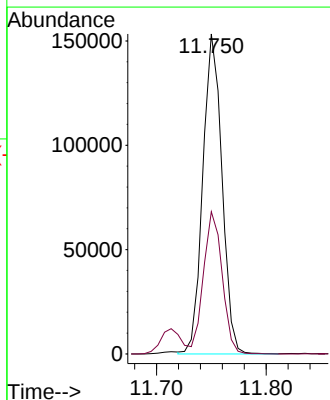
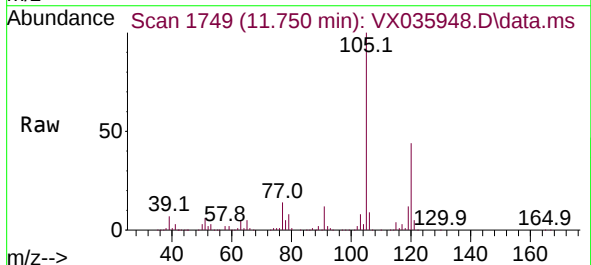
Manual Integrations
APPROVED

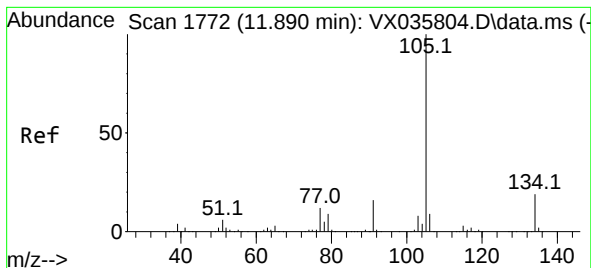
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.165 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

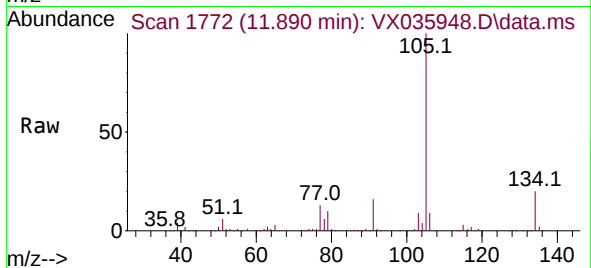
Tgt Ion:105 Resp: 186157
Ion Ratio Lower Upper
105 100
120 42.9 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.495 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27

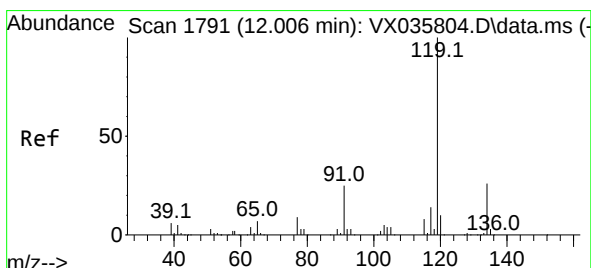
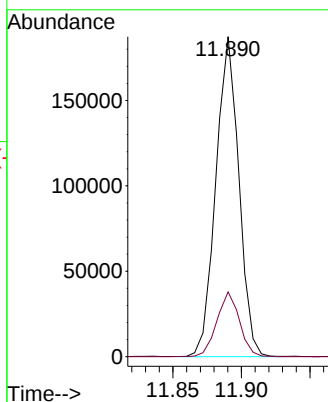
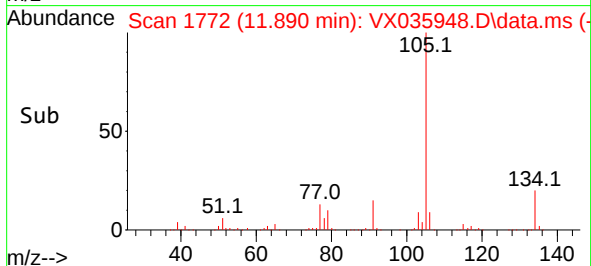
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01



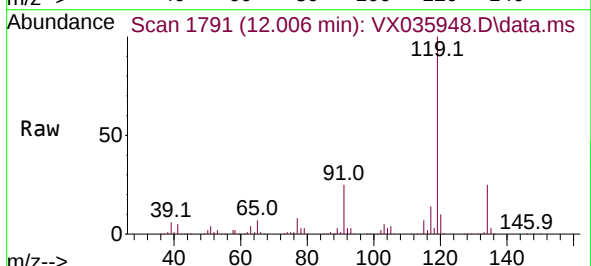
Tgt Ion:105 Resp: 21862
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.2

Manual Integrations
 APPROVED

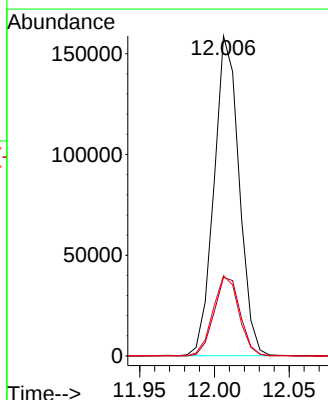
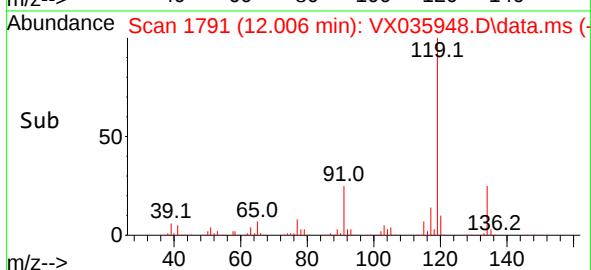
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

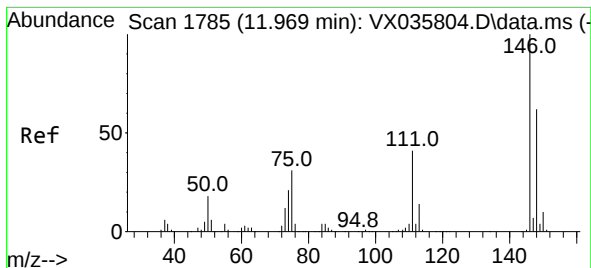


#82
 p-Isopropyltoluene
 Concen: 20.879 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035948.D
 Acq: 01 Jun 2023 10:27



Tgt Ion:119 Resp: 185289
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 25.9 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.107 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

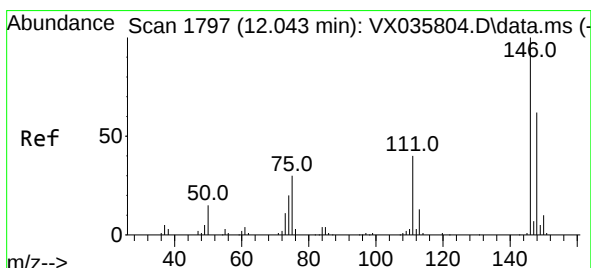
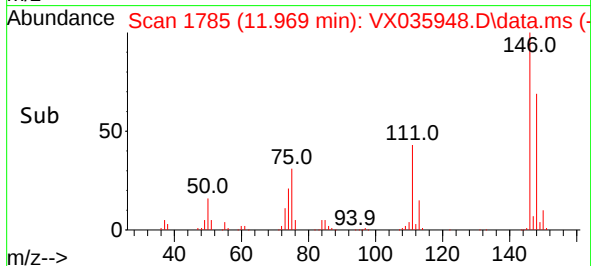
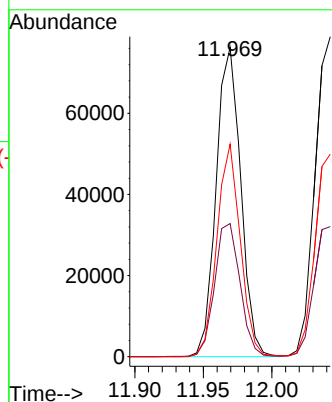
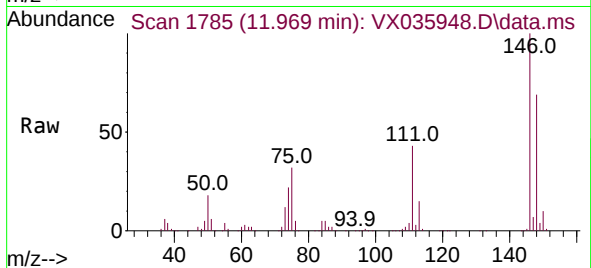
Tgt Ion:146 Resp: 95272
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.6 61.9
 148 65.4 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#84

1,4-Dichlorobenzene

Concen: 20.794 ug/l

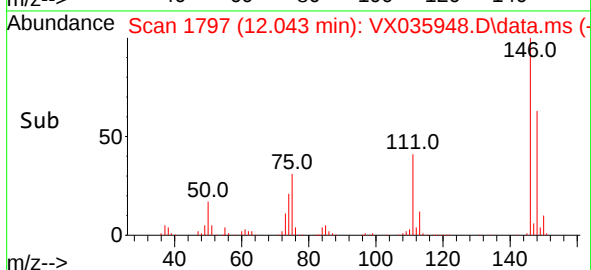
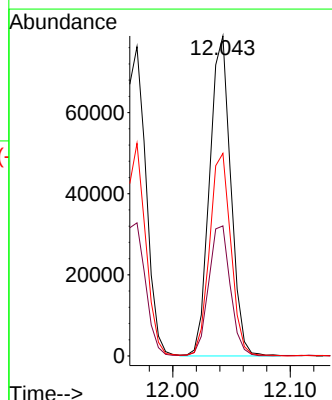
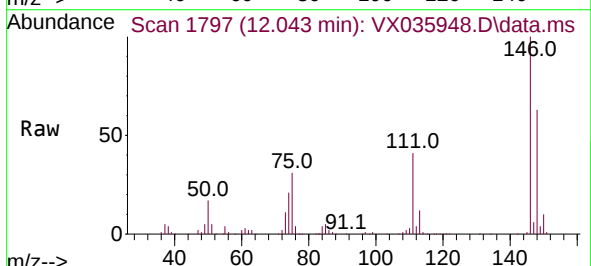
RT: 12.043 min Scan# 1797

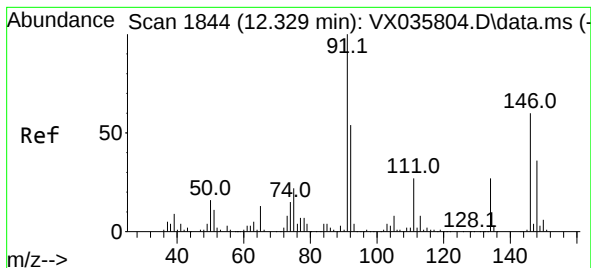
Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

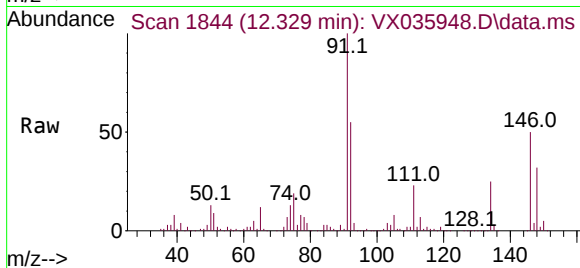
Tgt Ion:146 Resp: 98892
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 63.8 31.8 95.3





#85
n-Butylbenzene
Concen: 19.826 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

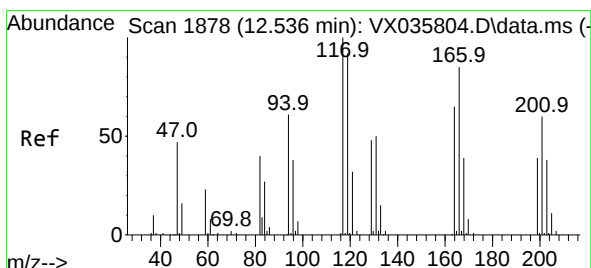
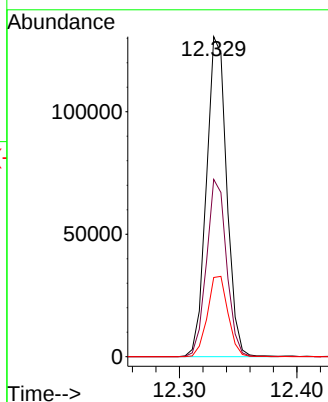
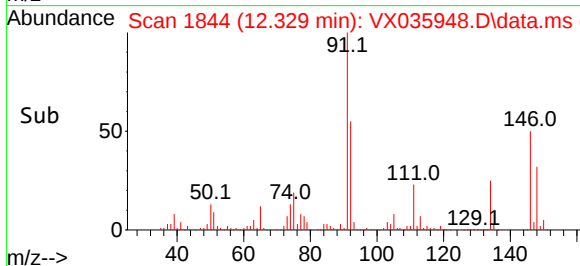
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion: 91 Resp: 15653
Ion Ratio Lower Upper
91 100
92 54.7 0.0 107.6
134 25.5 0.0 49.8

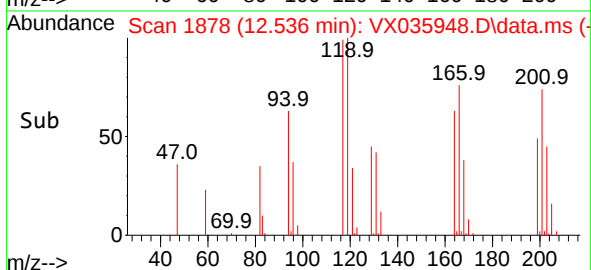
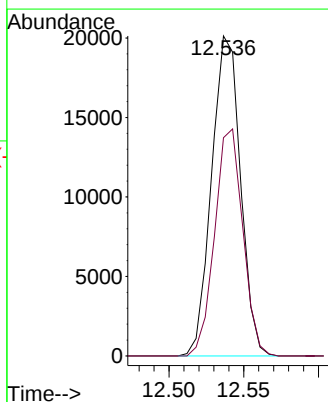
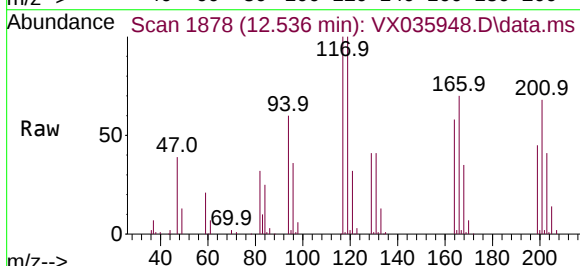
Manual Integrations
APPROVED

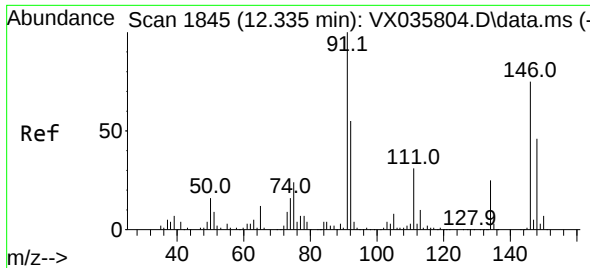
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#86
Hexachloroethane
Concen: 19.351 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

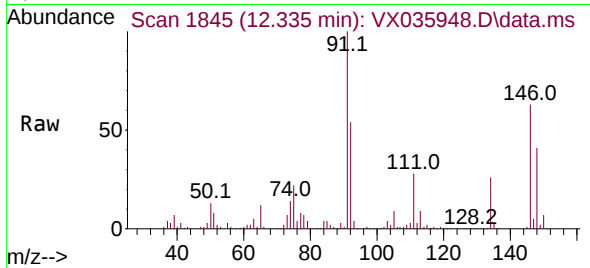
Tgt Ion:117 Resp: 27044
Ion Ratio Lower Upper
117 100
201 69.2 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.740 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

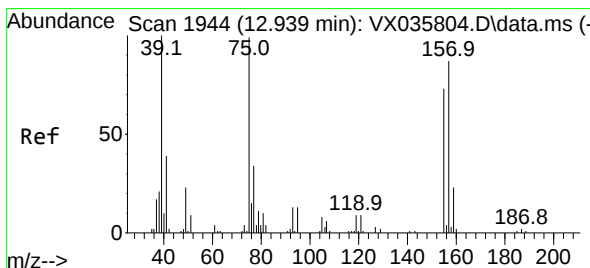
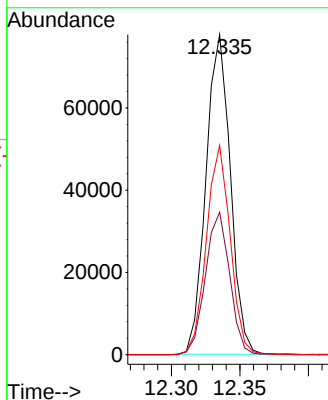
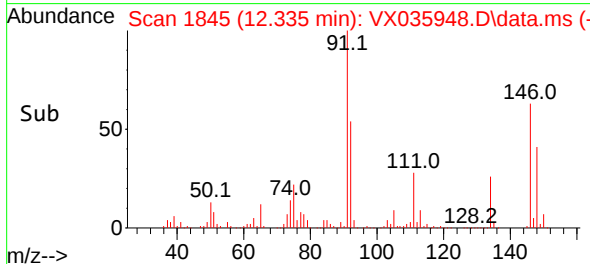
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



Tgt Ion:146 Resp: 96284
Ion Ratio Lower Upper
146 100
111 44.3 21.3 64.0
148 64.0 31.7 95.1

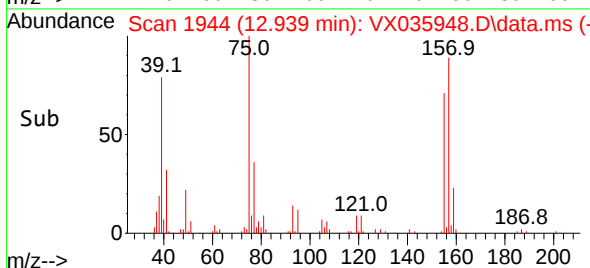
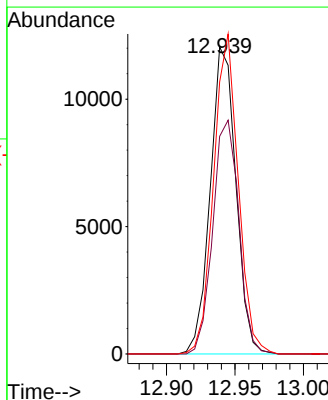
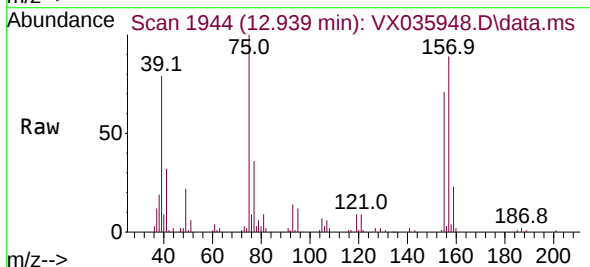
Manual Integrations
APPROVED

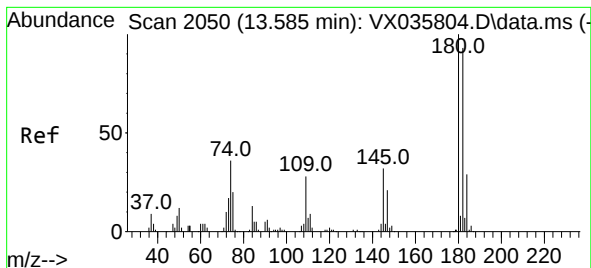
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.506 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

Tgt Ion: 75 Resp: 15700
Ion Ratio Lower Upper
75 100
155 77.0 63.7 95.5
157 99.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 20.961 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

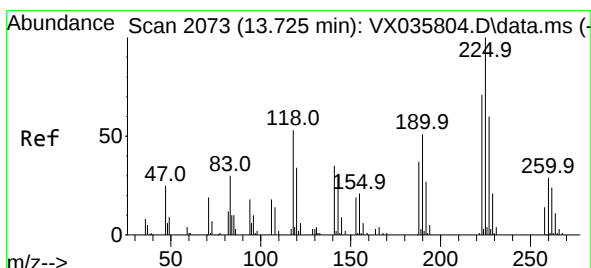
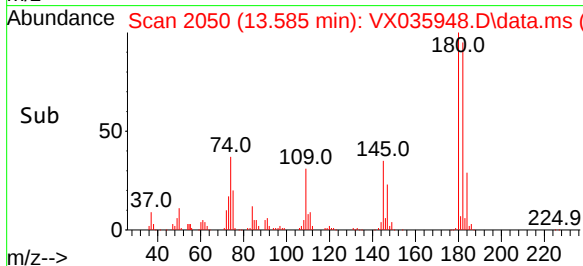
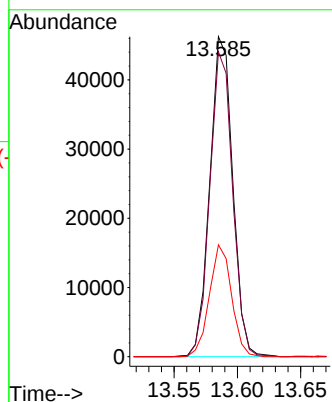
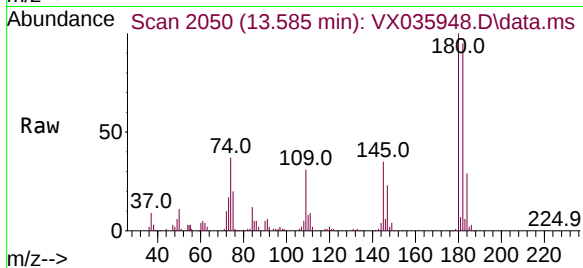
Tgt Ion:180	Resp:	58318
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.8 113.8
145	33.8	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#90

Hexachlorobutadiene

Concen: 22.897 ug/l

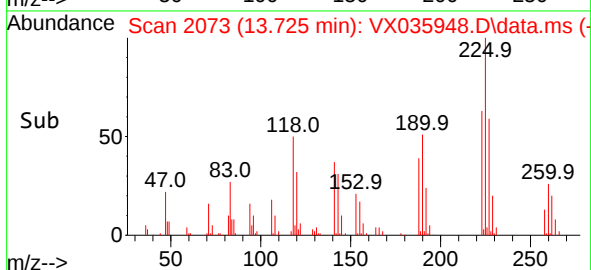
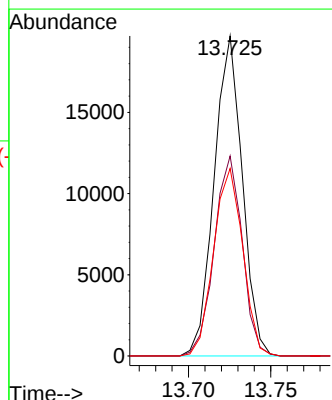
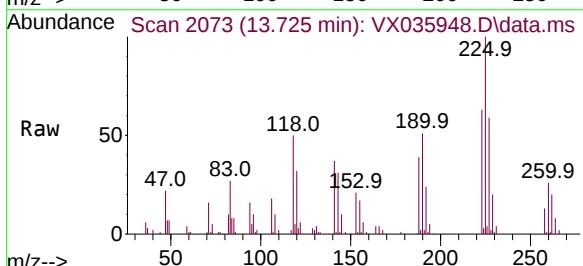
RT: 13.725 min Scan# 2073

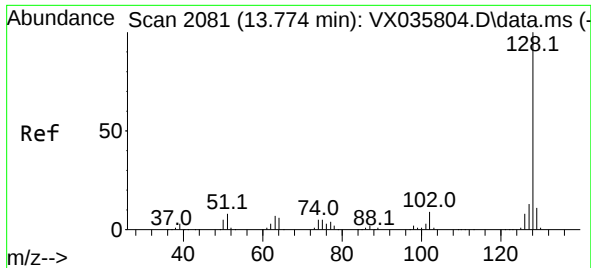
Delta R.T. 0.000 min

Lab File: VX035948.D

Acq: 01 Jun 2023 10:27

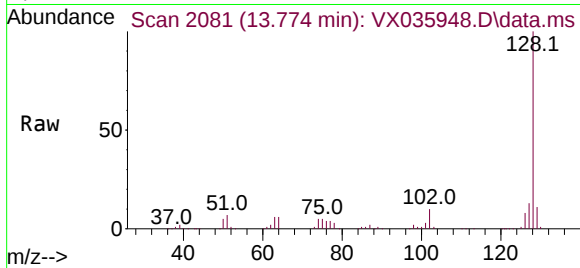
Tgt Ion:225	Resp:	23484
Ion Ratio	Lower	Upper
225	100	
223	62.1	0.0 124.2
227	60.6	0.0 122.8





#91
Naphthalene
Concen: 21.235 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27

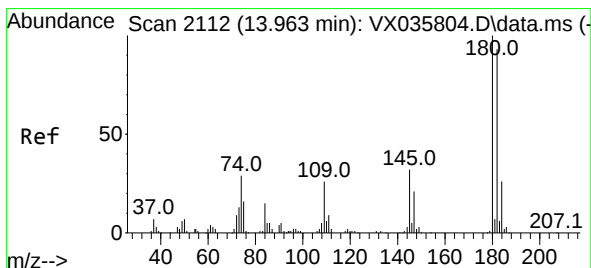
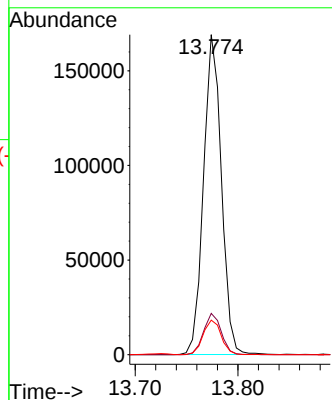
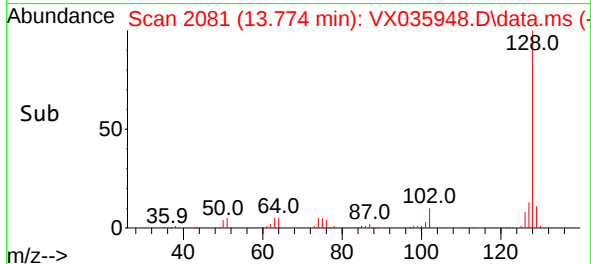
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01



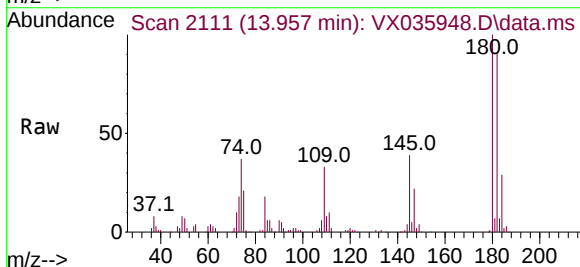
Tgt Ion:128 Resp: 20444
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.363 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035948.D
Acq: 01 Jun 2023 10:27



Tgt Ion:180 Resp: 56567
Ion Ratio Lower Upper
180 100
182 97.0 0.0 191.0
145 37.7 0.0 66.8

