

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045983.D
 Acq On : 29 Apr 2025 16:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

Quant Time: Apr 30 01:41:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	82303	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	140566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76734	50.982	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.960%			
35) Dibromofluoromethane	5.373	113	54391	54.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.080%			
50) Toluene-d8	8.641	98	176745	50.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.079	95	70111	55.294	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60417	49.086	ug/l	96
3) Chloromethane	1.307	50	59625	47.153	ug/l	99
4) Vinyl Chloride	1.374	62	57215	49.442	ug/l	99
5) Bromomethane	1.593	94	26174	47.702	ug/l	98
6) Chloroethane	1.672	64	32621	53.132	ug/l	96
7) Trichlorofluoromethane	1.874	101	93878	54.403	ug/l	99
8) Diethyl Ether	2.130	74	31555	54.467	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	58127	57.485	ug/l	98
10) Methyl Iodide	2.441	142	68800	54.549	ug/l	98
11) Tert butyl alcohol	2.965	59	56845	281.029	ug/l	99
12) 1,1-Dichloroethene	2.313	96	52697	53.335	ug/l	97
13) Acrolein	2.233	56	72597	260.628	ug/l	99
14) Allyl chloride	2.654	41	104356	55.665	ug/l	100
15) Acrylonitrile	3.056	53	176775	276.857	ug/l	99
16) Acetone	2.380	43	163579	264.674	ug/l	99
17) Carbon Disulfide	2.502	76	111906	45.857	ug/l	99
18) Methyl Acetate	2.697	43	97944	68.831	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	193130	55.877	ug/l	100
20) Methylene Chloride	2.782	84	61264	52.949	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	53245	52.748	ug/l	100
22) Diisopropyl ether	3.757	45	209243	56.661	ug/l	99
23) Vinyl Acetate	3.715	43	894320	280.296	ug/l	99
24) 1,1-Dichloroethane	3.599	63	113238	54.220	ug/l	100
25) 2-Butanone	4.550	43	250035	276.378	ug/l	99
26) 2,2-Dichloropropane	4.459	77	85289	63.207	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	66695	54.232	ug/l	98
28) Bromochloromethane	4.885	49	49890	49.433	ug/l	98
29) Tetrahydrofuran	4.995	42	158070	269.497	ug/l	100
30) Chloroform	5.080	83	119415	55.568	ug/l	99
31) Cyclohexane	5.452	56	97140	52.613	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	101307	55.713	ug/l	100
36) 1,1-Dichloropropene	5.684	75	74959	55.666	ug/l	99
37) Ethyl Acetate	4.709	43	94673	55.790	ug/l	99
38) Carbon Tetrachloride	5.666	117	87344	60.017	ug/l	99
39) Methylcyclohexane	7.373	83	96631	58.542	ug/l	97
40) Benzene	6.025	78	229199	55.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56178	62.743	ug/l	98
42) 1,2-Dichloroethane	6.074	62	98837	58.187	ug/l	100
43) Isopropyl Acetate	6.330	43	151303	58.827	ug/l	99
44) Trichloroethene	7.117	130	54494	55.749	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59097	57.592	ug/l	97
46) Dibromomethane	7.574	93	44911	57.015	ug/l	97
47) Bromodichloromethane	7.812	83	91943	58.448	ug/l	96
48) Methyl methacrylate	7.684	41	79811	60.100	ug/l	98
49) 1,4-Dioxane	7.653	88	28954	1205.097	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	504968	296.167	ug/l	100
52) Toluene	8.714	92	140340	56.395	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	82189	54.133	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	90305	61.089	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	56066	56.538	ug/l	97
56) Ethyl methacrylate	9.110	69	93620	61.003	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98310	56.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	218510	281.456	ug/l	100
59) 2-Hexanone	9.427	43	374751	296.808	ug/l	99
60) Dibromochloromethane	9.513	129	64630	59.783	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58971	58.745	ug/l	98
64) Tetrachloroethene	9.269	164	48385	55.640	ug/l	98
65) Chlorobenzene	10.073	112	151516	57.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53356	58.393	ug/l	98
67) Ethyl Benzene	10.189	91	274470	58.228	ug/l	100
68) m/p-Xylenes	10.299	106	200096	116.713	ug/l	99
69) o-Xylene	10.640	106	98274	58.189	ug/l	98
70) Styrene	10.653	104	165602	59.409	ug/l	98
71) Bromoform	10.799	173	40824	59.836	ug/l #	98
73) Isopropylbenzene	10.957	105	266916	54.690	ug/l	100
74) N-amyl acetate	10.842	43	131669	56.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88921	51.865	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80454m	54.133	ug/l	
77) Bromobenzene	11.195	156	59371	52.649	ug/l	99
78) n-propylbenzene	11.299	91	314312	55.912	ug/l	100
79) 2-Chlorotoluene	11.360	91	193459	53.831	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	225843	55.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	23630	53.960	ug/l	98
82) 4-Chlorotoluene	11.451	91	221040	55.164	ug/l	99
83) tert-Butylbenzene	11.713	119	220386	55.158	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227431	56.147	ug/l	99
85) sec-Butylbenzene	11.890	105	280341	57.125	ug/l	99
86) p-Isopropyltoluene	12.006	119	232742	57.525	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113111	55.104	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	111351	53.508	ug/l	98
89) n-Butylbenzene	12.329	91	212787	60.650	ug/l	99
90) Hexachloroethane	12.536	117	40872	58.781	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	111703	54.734	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20668	57.642	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	65072	57.282	ug/l	99
94) Hexachlorobutadiene	13.719	225	29033	59.310	ug/l	97
95) Naphthalene	13.774	128	233645	55.269	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66640	56.023	ug/l	99

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

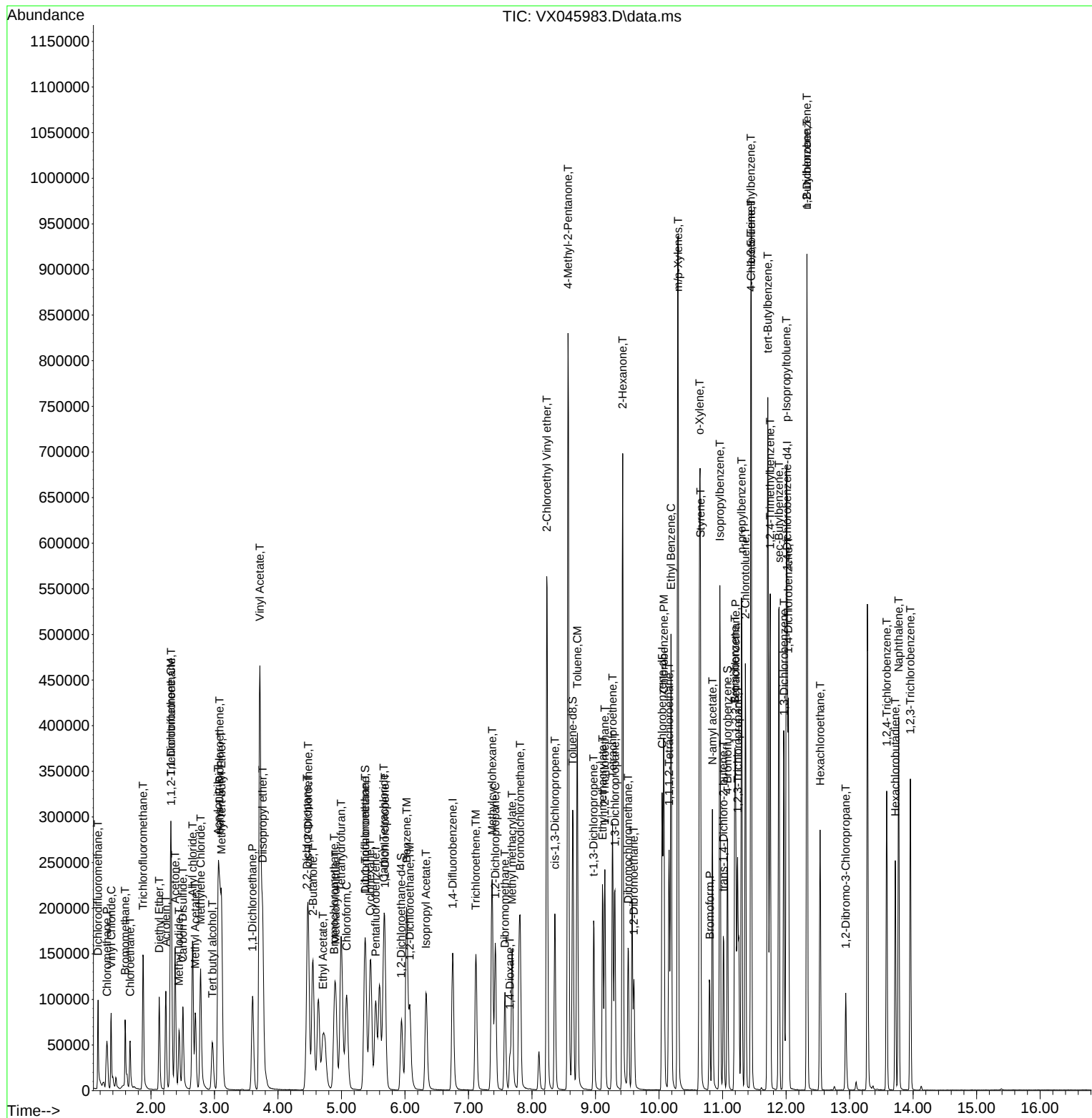
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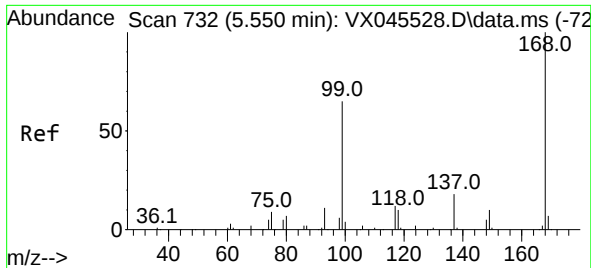
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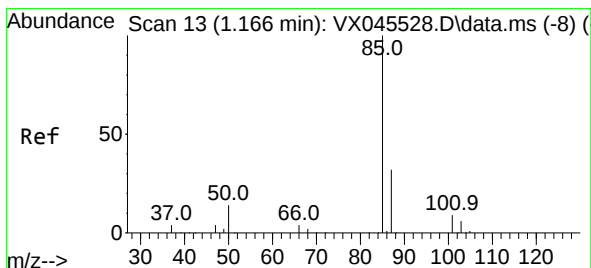
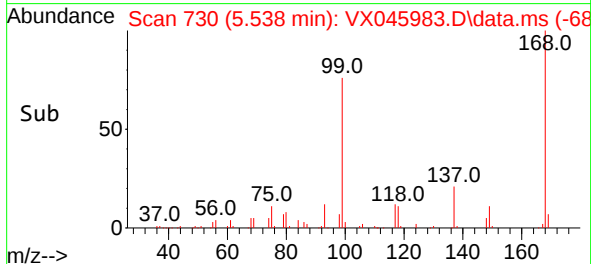
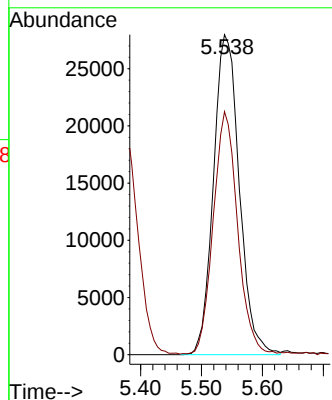
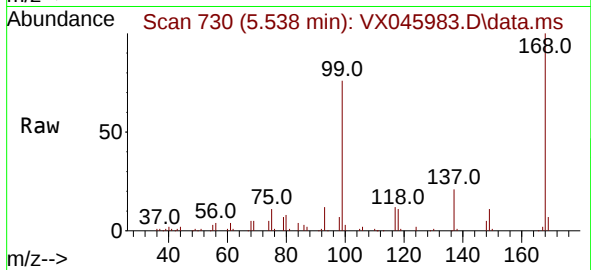
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045983.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 8230
Ion Ratio Lower Upper
168 100
99 75.7 52.3 78.5

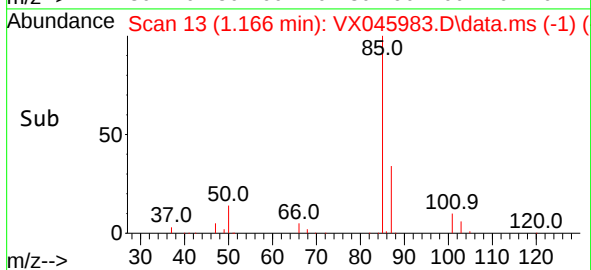
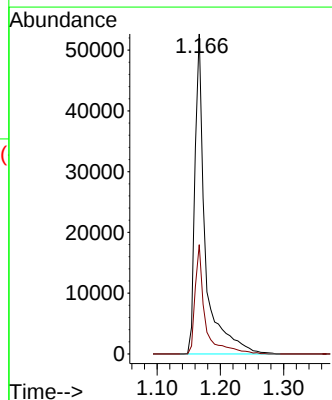
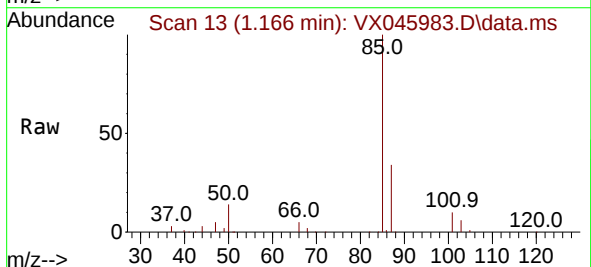
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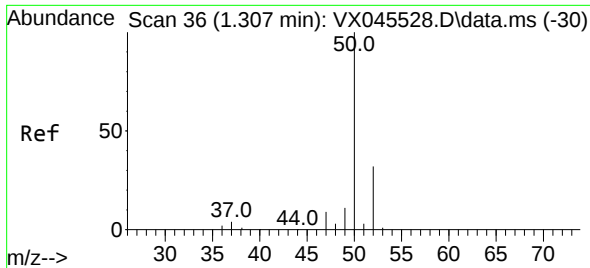
Reviewed By :John Carlone 04/30/2025
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#2
Dichlorodifluoromethane
Concen: 49.086 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

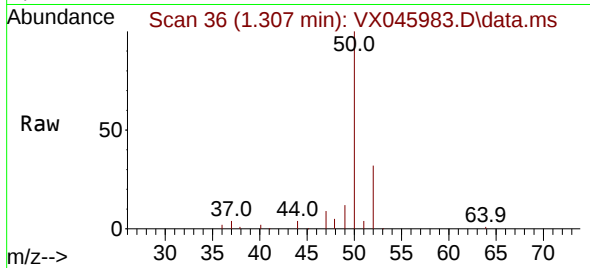
Tgt Ion: 85 Resp: 60417
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2





#3
Chloromethane
Concen: 47.153 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

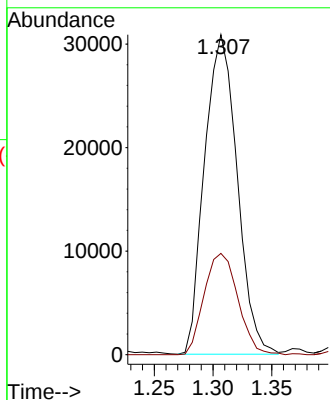
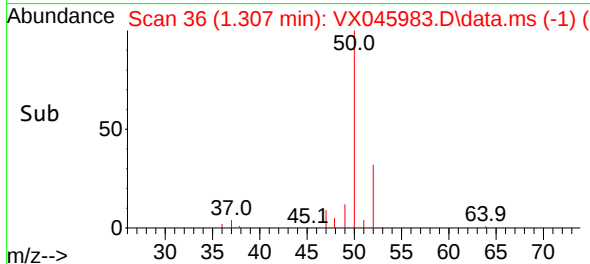
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 5962
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9

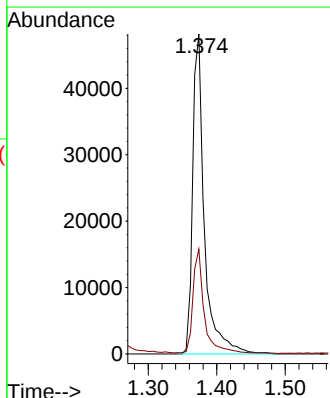
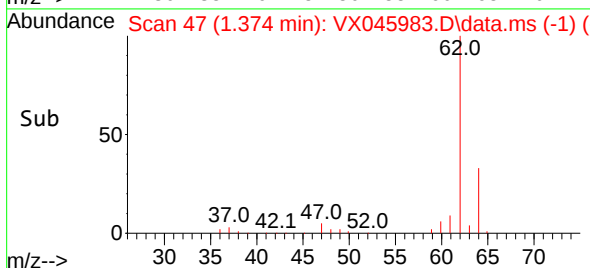
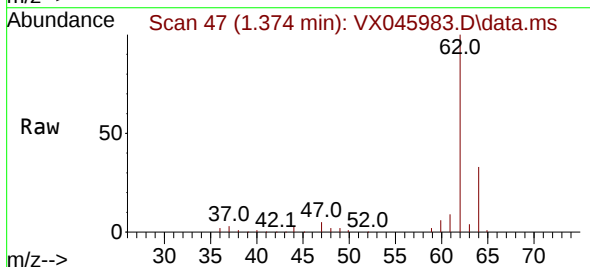
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#4
Vinyl Chloride
Concen: 49.442 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

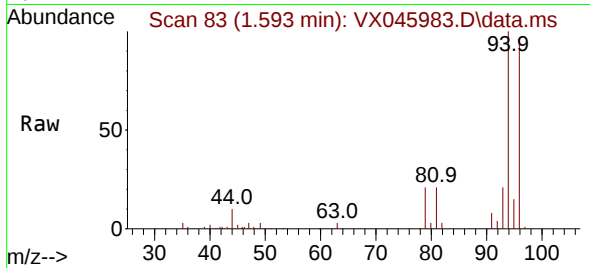
Tgt Ion: 62 Resp: 57215
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 47.702 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

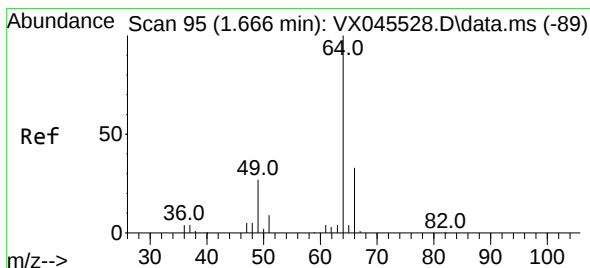
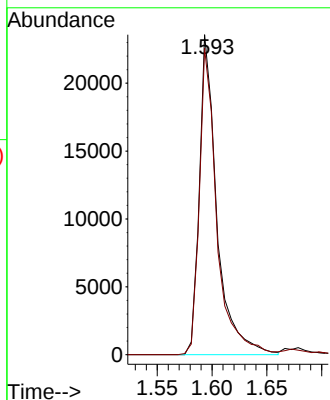
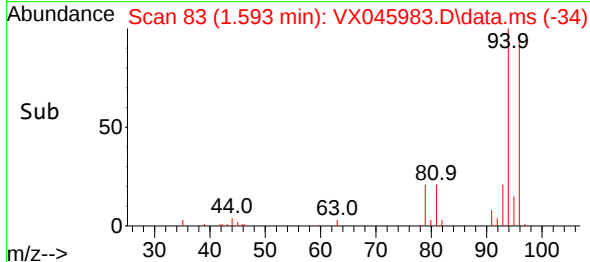
Instrument :
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Tgt Ion: 94 Resp: 26174
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2

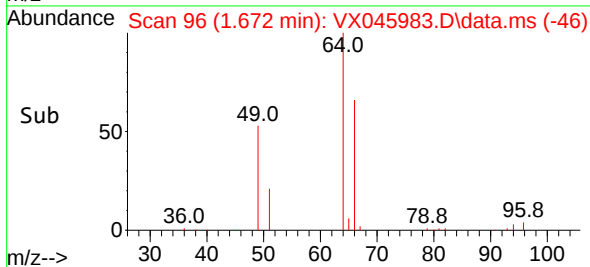
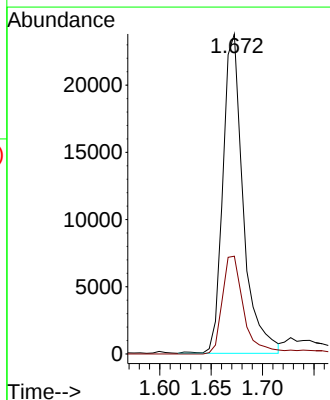
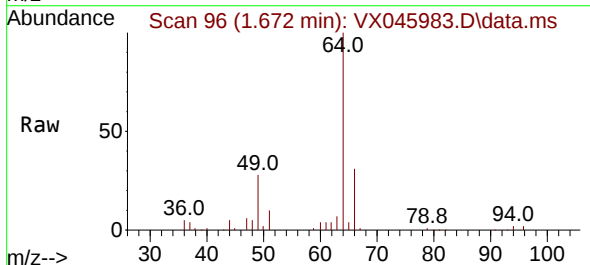
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#6
Chloroethane
Concen: 53.132 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

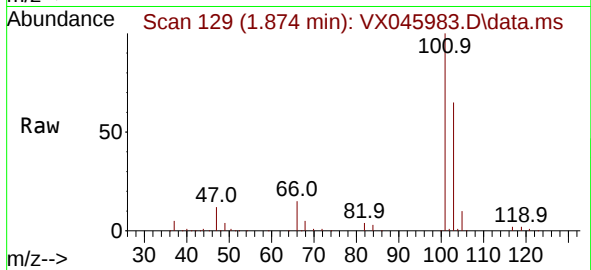
Tgt Ion: 64 Resp: 32621
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 54.403 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

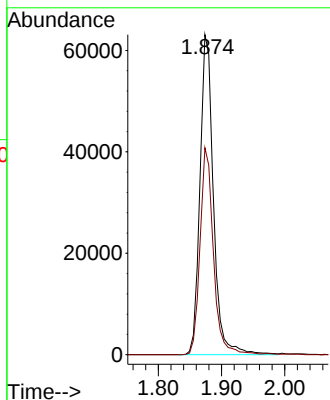
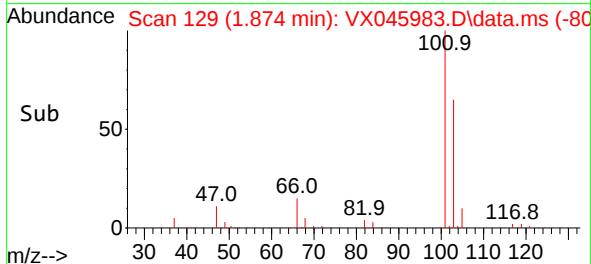
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 93878
Ion Ratio Lower Upper
101 100
103 64.7 51.1 76.7

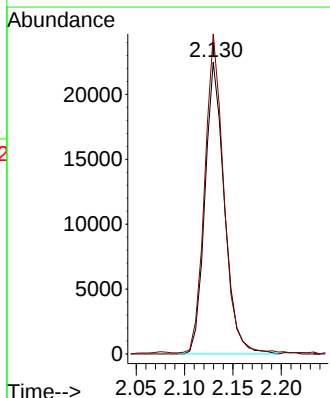
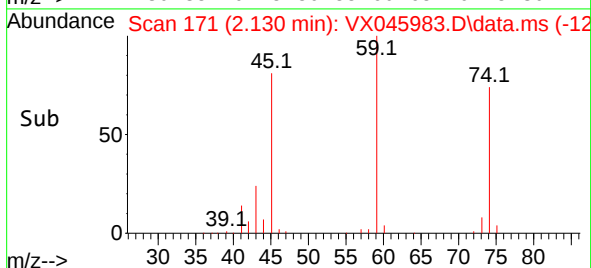
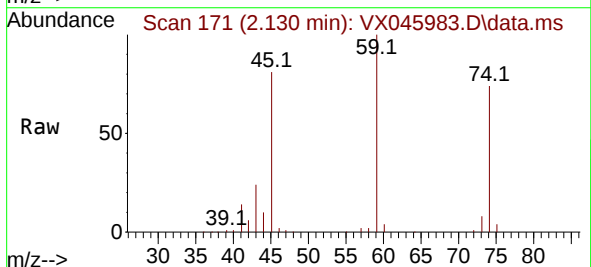
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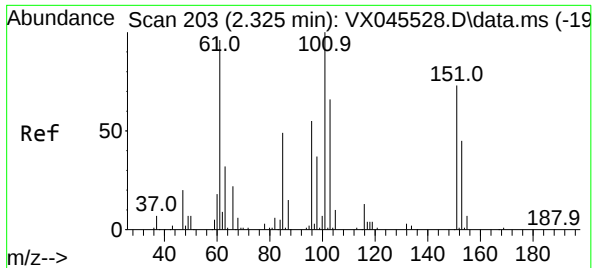
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#8
Diethyl Ether
Concen: 54.467 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 74 Resp: 31555
Ion Ratio Lower Upper
74 100
45 106.1 53.0 159.1





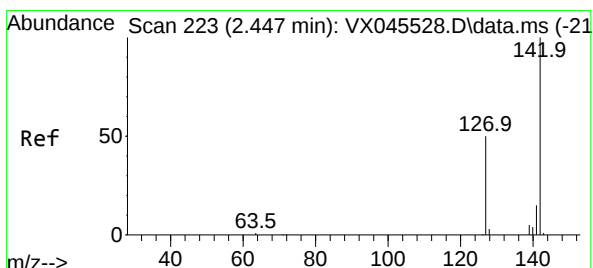
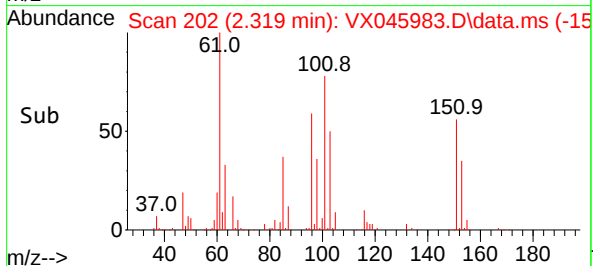
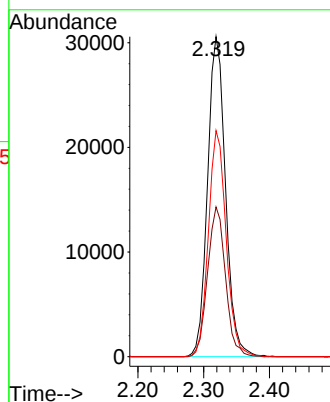
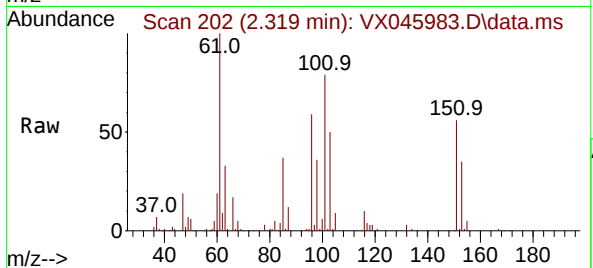
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.485 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5812
Ion Ratio Lower Upper
101 100
85 46.8 38.9 58.3
151 70.1 57.5 86.3

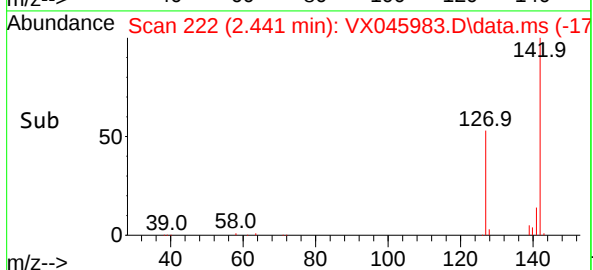
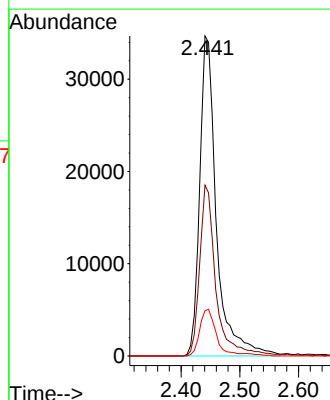
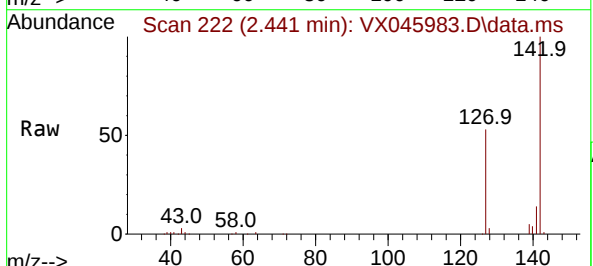
Manual Integrations
APPROVED

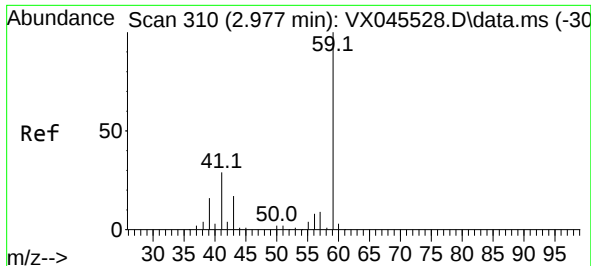
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#10
Methyl Iodide
Concen: 54.549 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

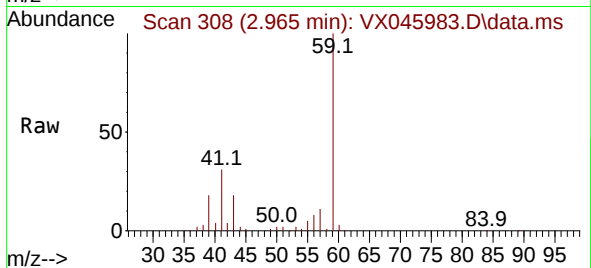
Tgt Ion:142 Resp: 68800
Ion Ratio Lower Upper
142 100
127 52.1 40.2 60.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 281.029 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

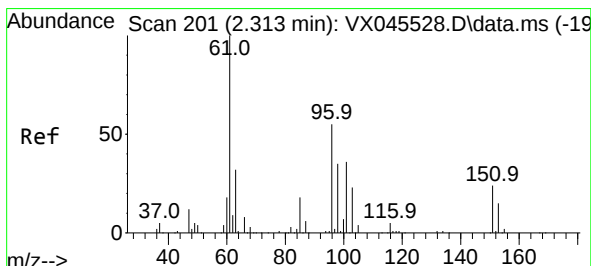
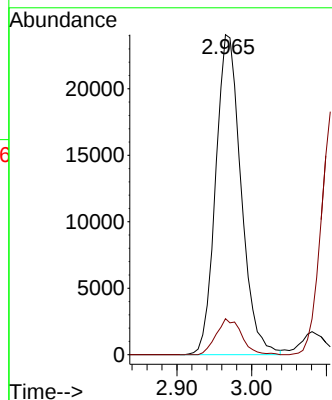
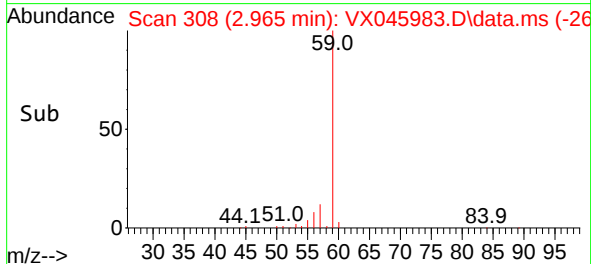
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 5684
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

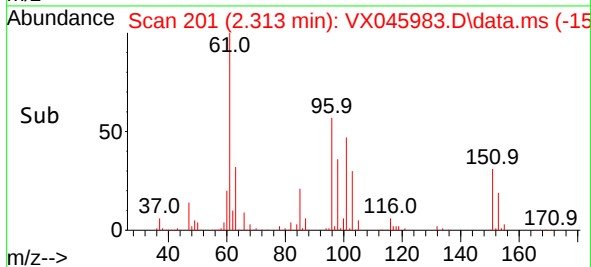
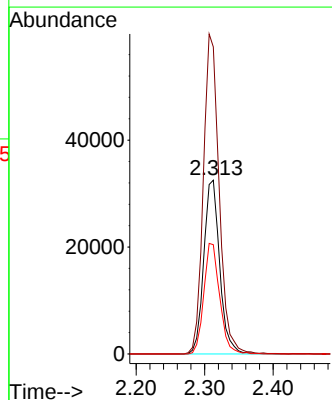
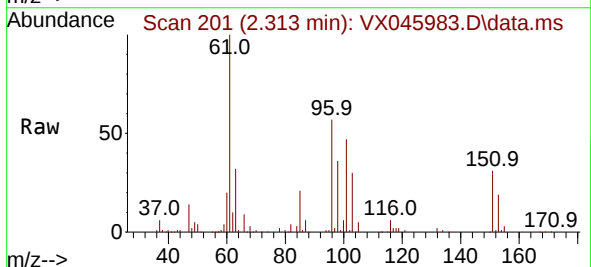
Manual Integrations
APPROVED

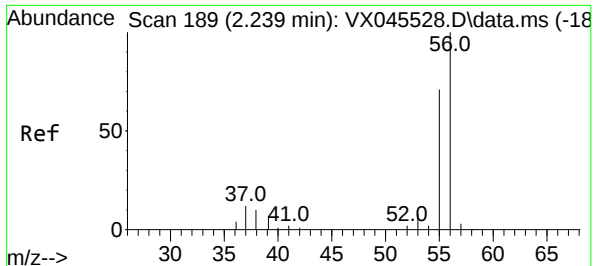
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#12
1,1-Dichloroethene
Concen: 53.335 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

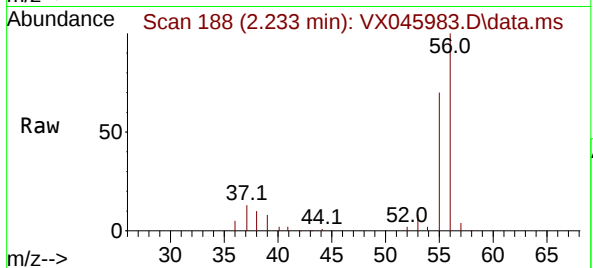
Tgt Ion: 96 Resp: 52697
Ion Ratio Lower Upper
96 100
61 176.7 145.7 218.5
98 62.9 51.6 77.4





#13
Acrolein
Concen: 260.628 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

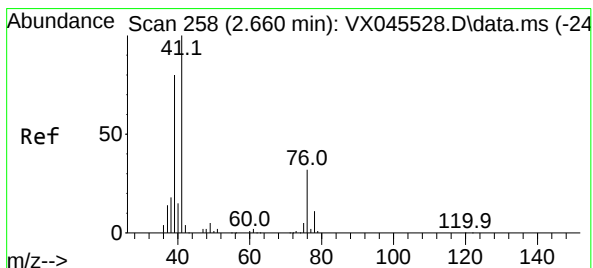
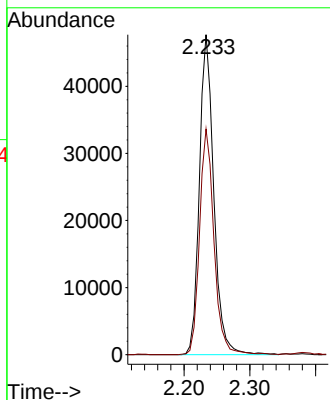
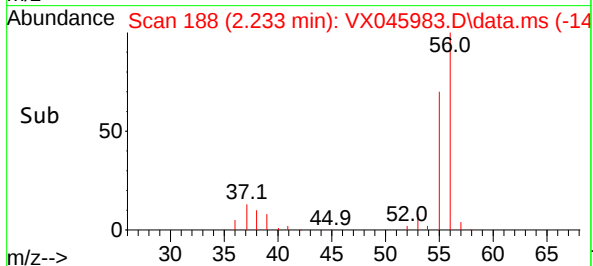
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7259
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.2

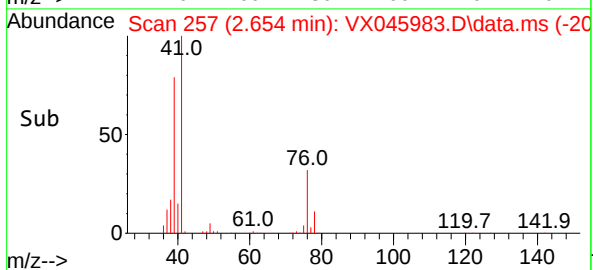
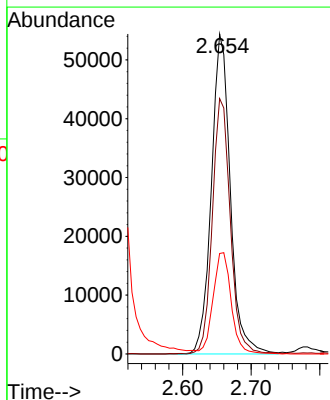
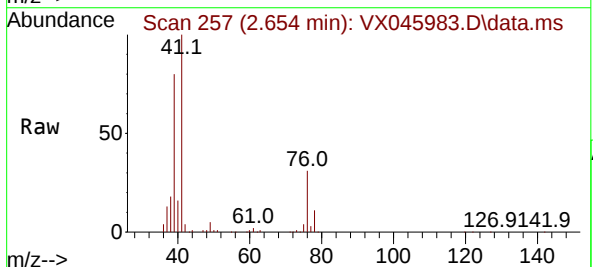
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#14
Allyl chloride
Concen: 55.665 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

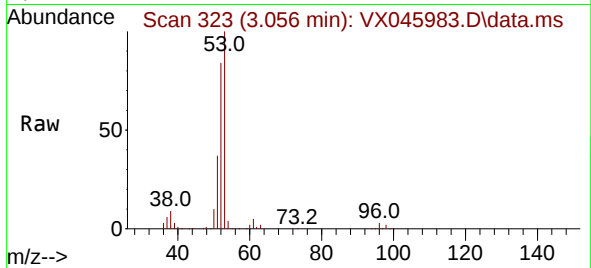
Tgt Ion: 41 Resp: 104356
Ion Ratio Lower Upper
41 100
39 75.7 60.2 90.2
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 276.857 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

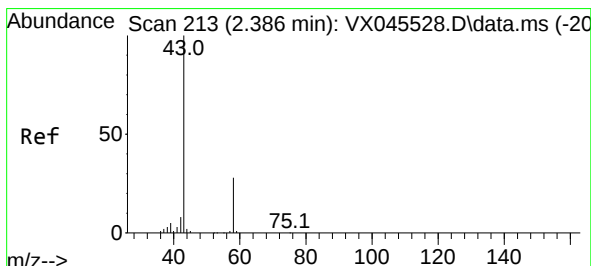
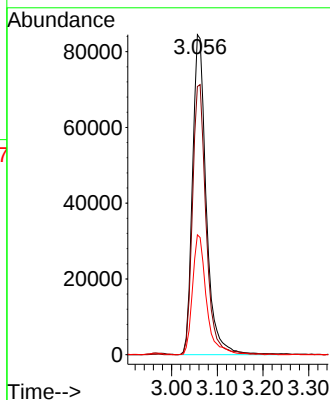
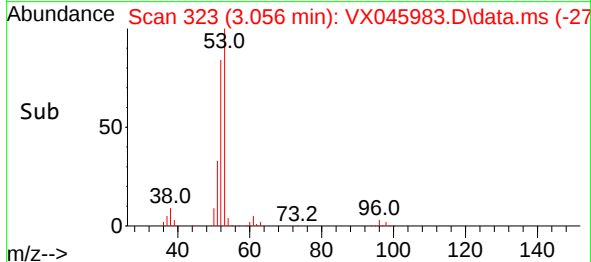
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 176779
Ion Ratio Lower Upper
53 100
52 83.5 67.4 101.2
51 38.0 29.9 44.9

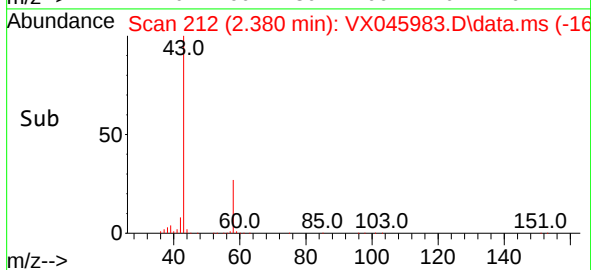
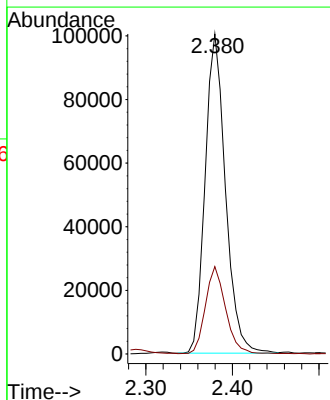
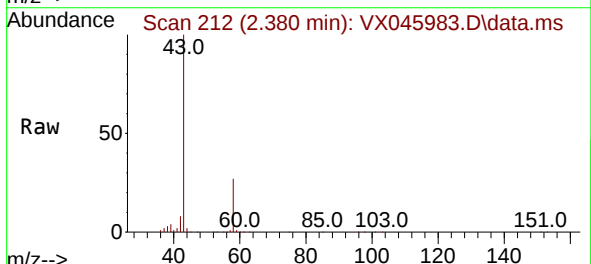
Manual Integrations
APPROVED

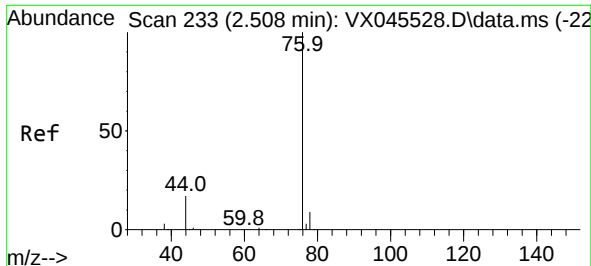
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#16
Acetone
Concen: 264.674 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 43 Resp: 163579
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5





#17

Carbon Disulfide

Concen: 45.857 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 111900

Ion Ratio Lower Upper

76 100

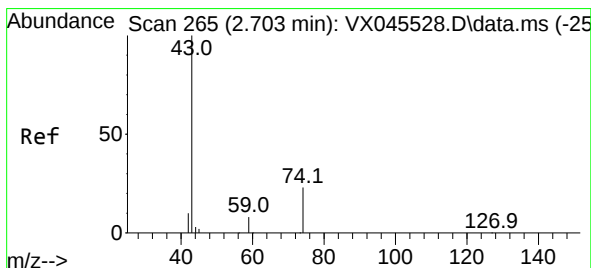
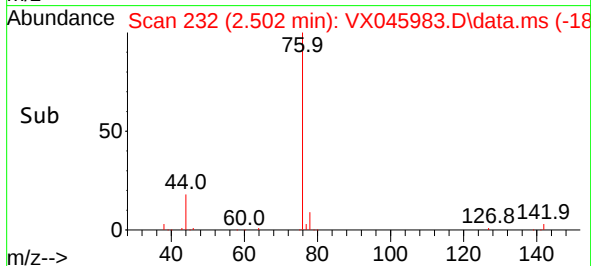
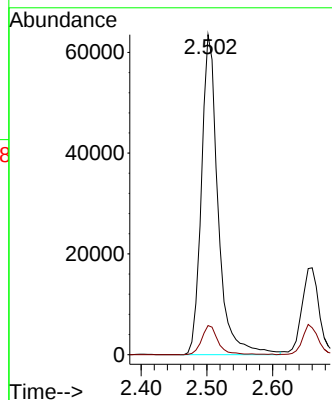
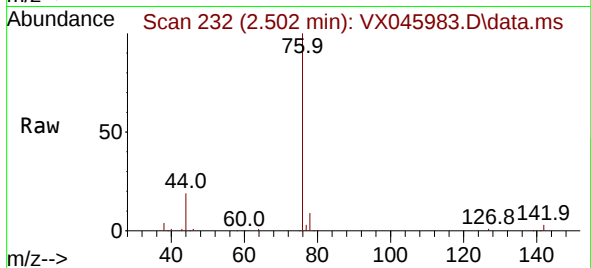
78 9.1 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#18

Methyl Acetate

Concen: 68.831 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX045983.D

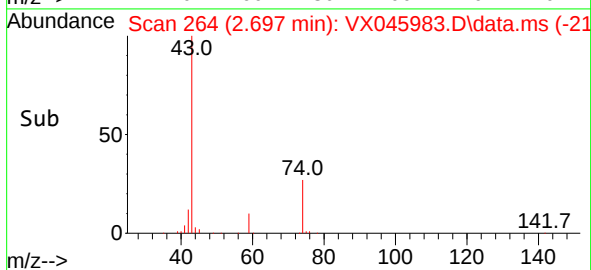
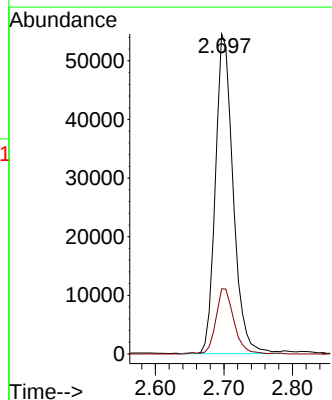
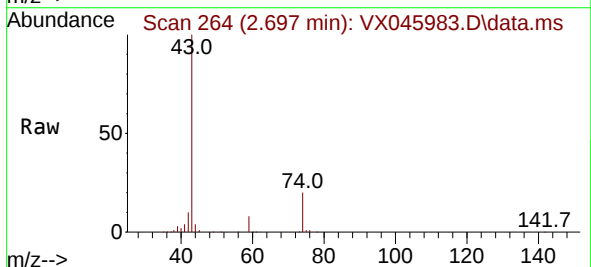
Acq: 29 Apr 2025 16:15

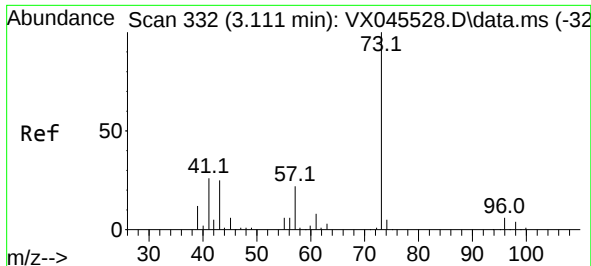
Tgt Ion: 43 Resp: 97944

Ion Ratio Lower Upper

43 100

74 20.8 17.5 26.3





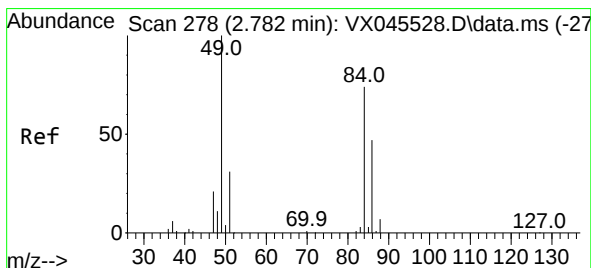
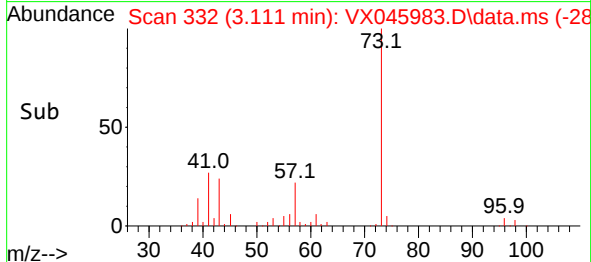
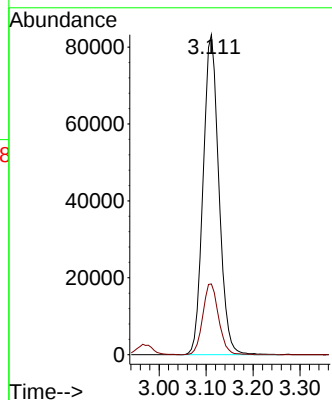
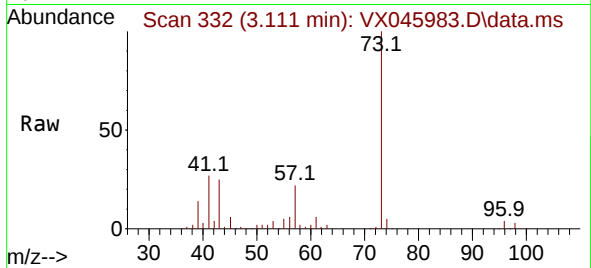
#19
Methyl tert-butyl Ether
Concen: 55.877 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 193130
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

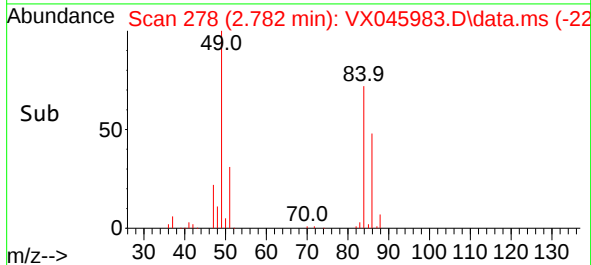
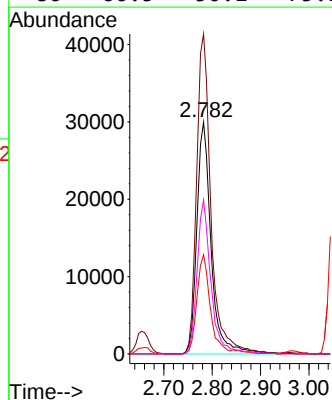
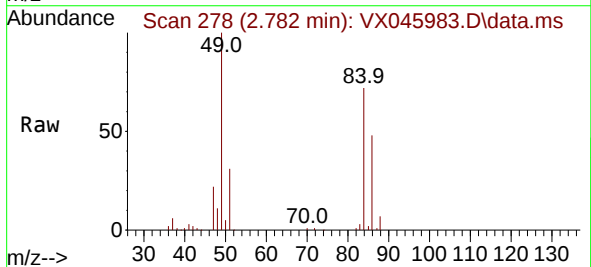
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#20
Methylene Chloride
Concen: 52.949 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

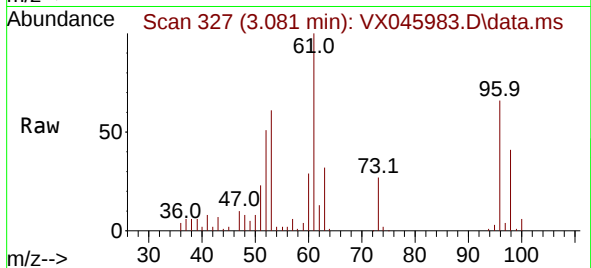
Tgt Ion: 84 Resp: 61264
Ion Ratio Lower Upper
84 100
49 138.1 107.5 161.3
51 42.8 33.0 49.6
86 66.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 52.748 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

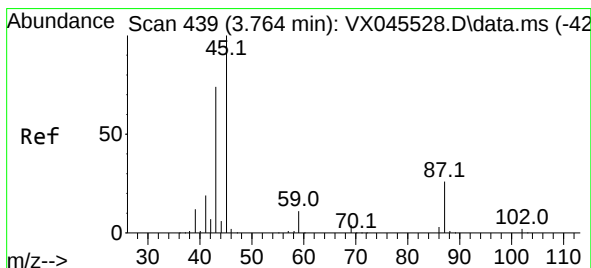
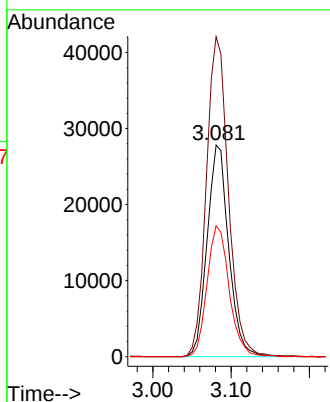
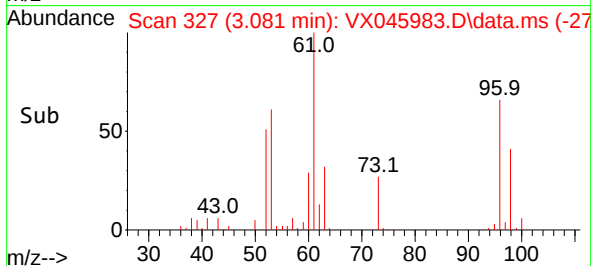
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 53249
Ion Ratio Lower Upper
96 100
61 151.1 121.0 181.6
98 61.8 49.7 74.5

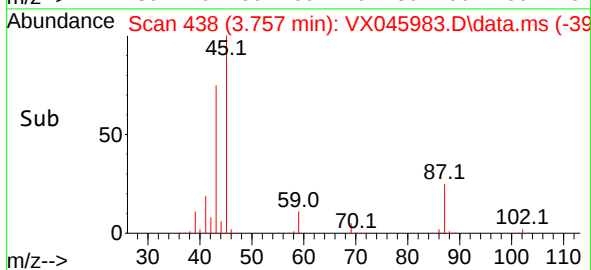
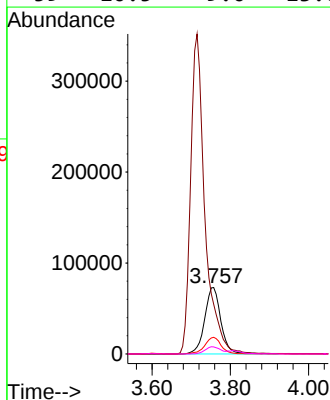
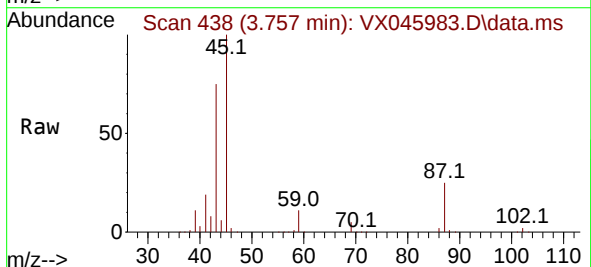
Manual Integrations
APPROVED

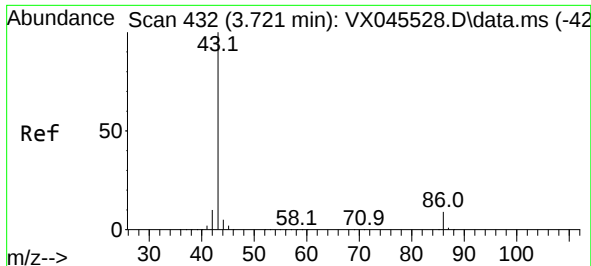
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#22
Diisopropyl ether
Concen: 56.661 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

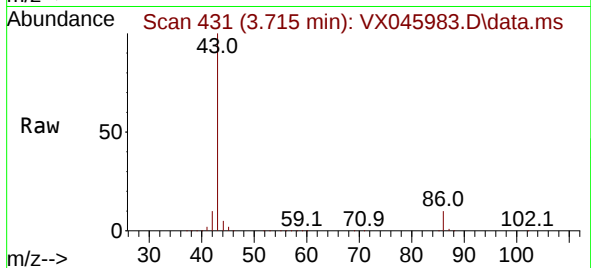
Tgt Ion: 45 Resp: 209243
Ion Ratio Lower Upper
45 100
43 74.4 59.3 88.9
87 25.2 20.4 30.6
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 280.296 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

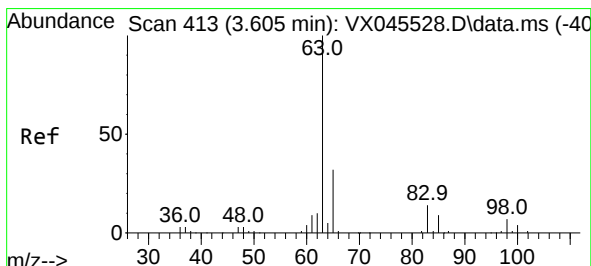
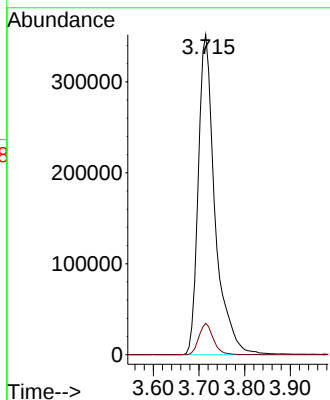
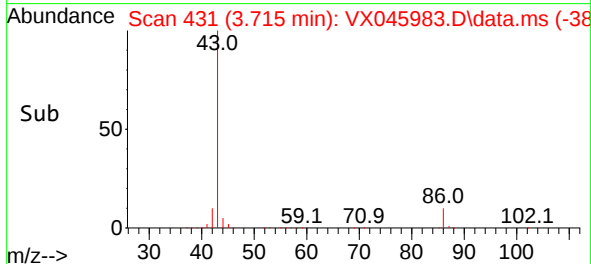
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 894320
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

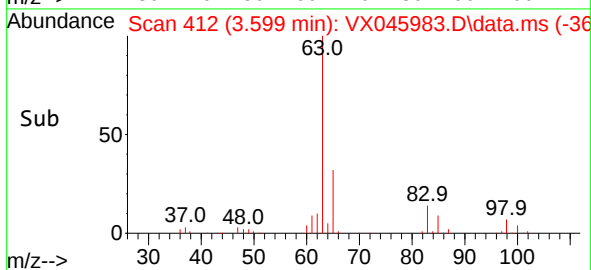
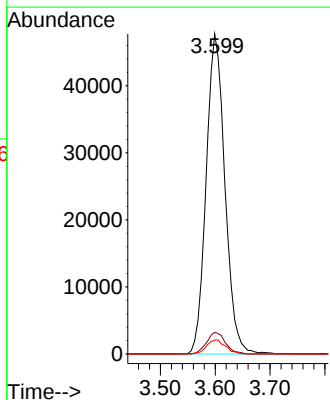
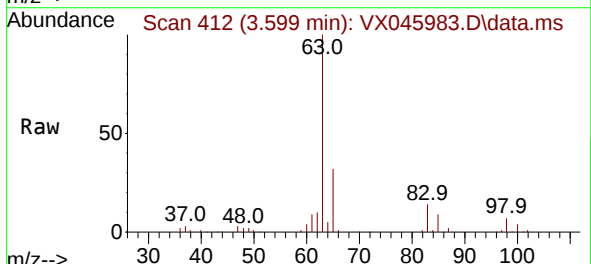
Manual Integrations
 APPROVED

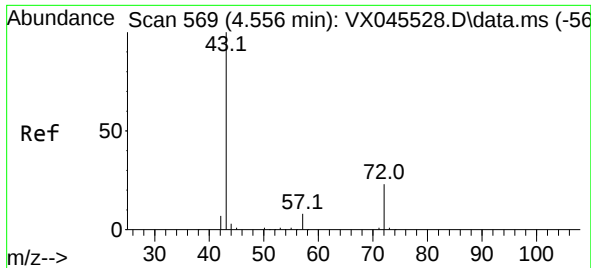
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#24
 1,1-Dichloroethane
 Concen: 54.220 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

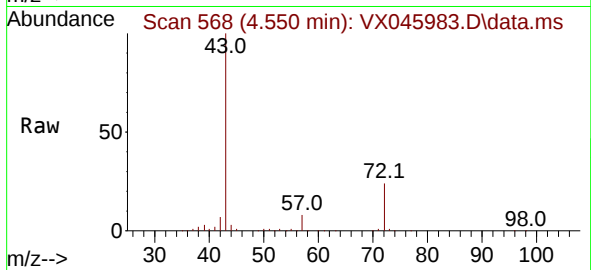
Tgt Ion: 63 Resp: 113238
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 276.378 ug/l
RT: 4.550 min Scan# 501
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

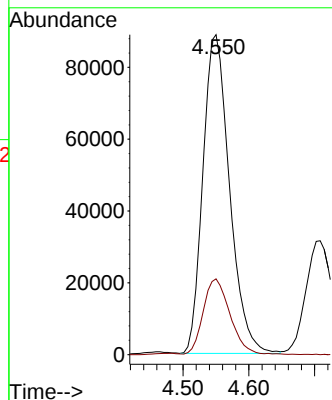
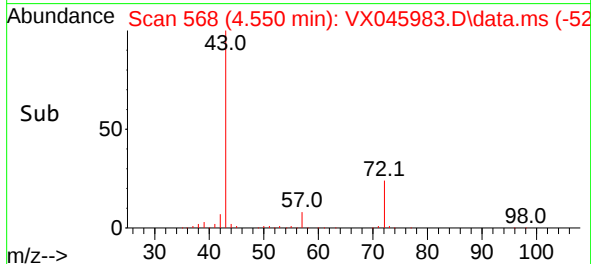
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25003
Ion Ratio Lower Upper
43 100
72 23.5 18.6 28.0

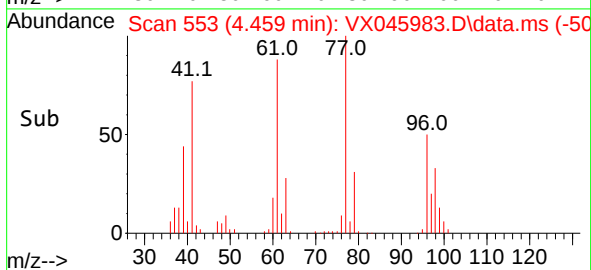
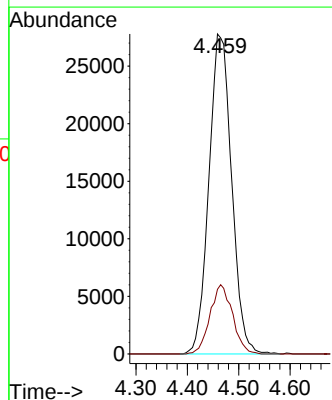
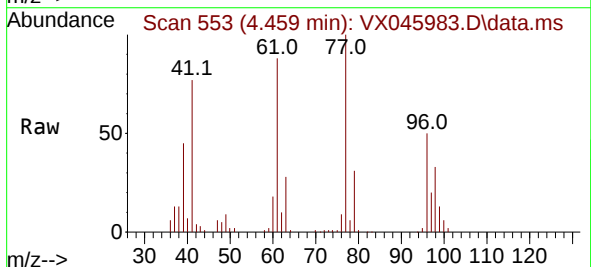
Manual Integrations
APPROVED

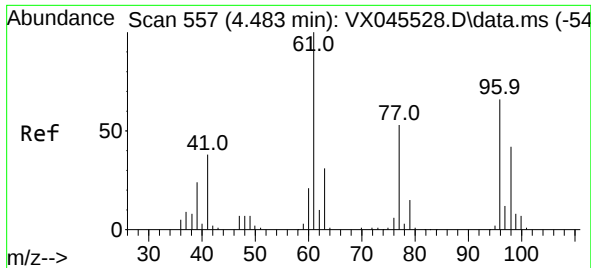
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#26
2,2-Dichloropropane
Concen: 63.207 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

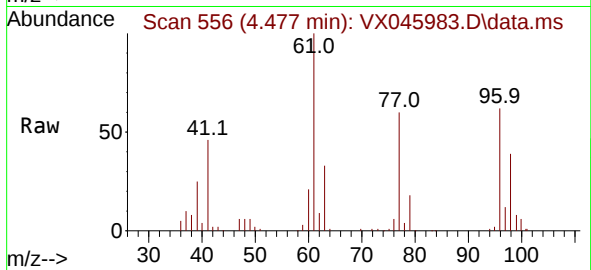
Tgt Ion: 77 Resp: 85289
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 54.232 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

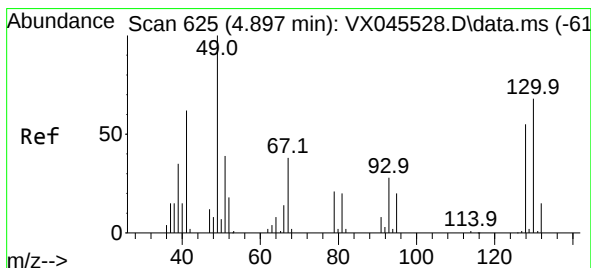
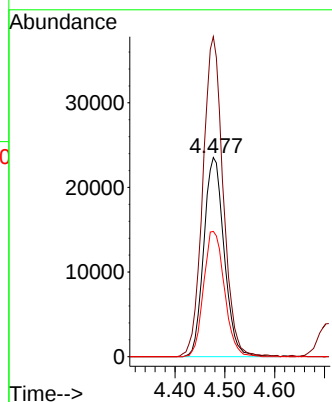
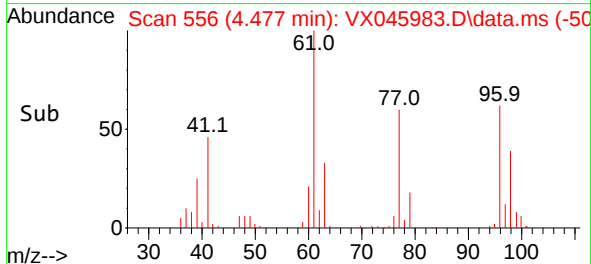
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6669
 Ion Ratio Lower Upper
 96 100
 61 160.4 0.0 313.2
 98 64.3 0.0 126.4

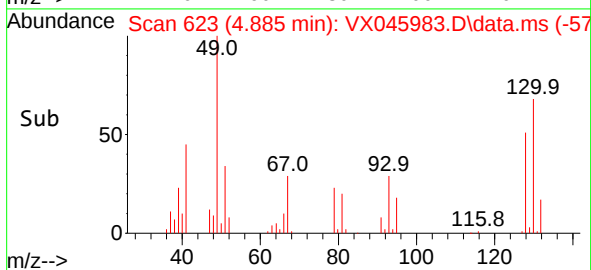
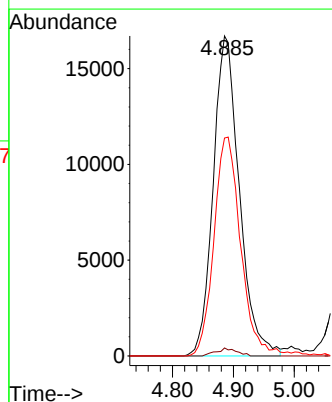
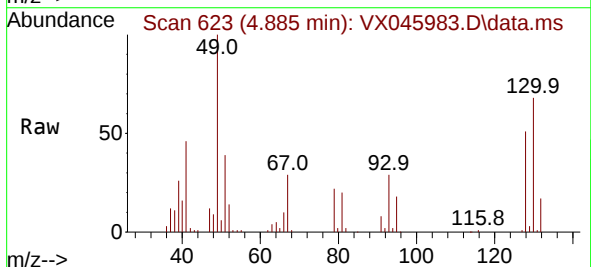
Manual Integrations
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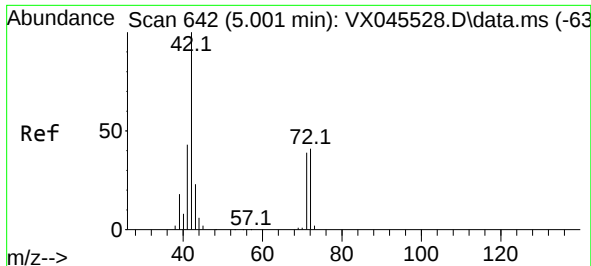
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#28
 Bromochloromethane
 Concen: 49.433 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

Tgt Ion: 49 Resp: 49890
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 69.5 54.6 81.8





#29

Tetrahydrofuran

Concen: 269.497 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 158070

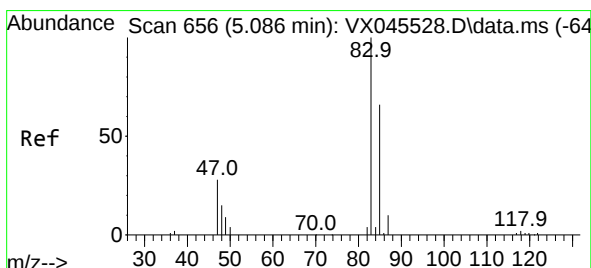
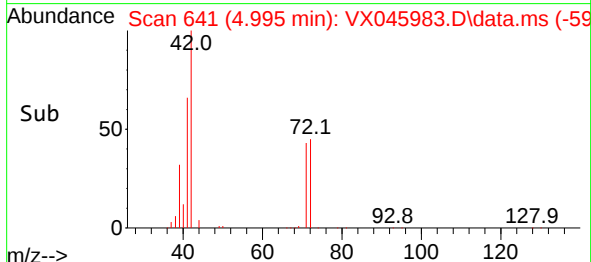
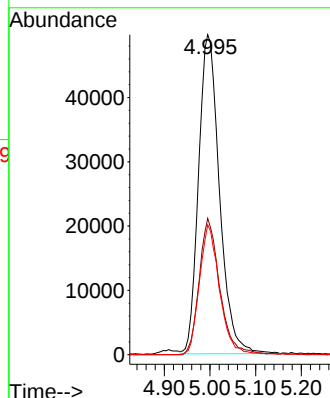
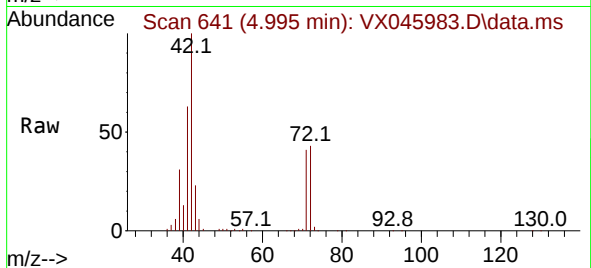
Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.0	31.4	47.0

Manual Integrations

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Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#30

Chloroform

Concen: 55.568 ug/l

RT: 5.080 min Scan# 655

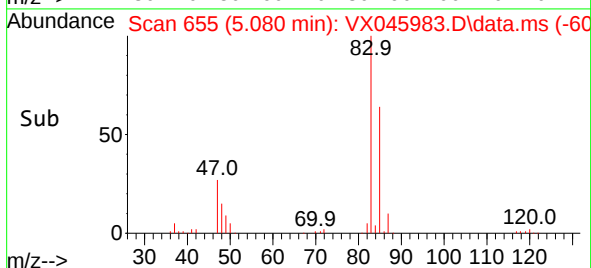
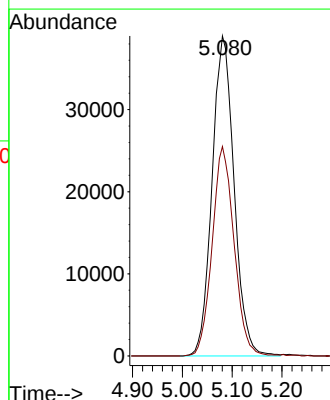
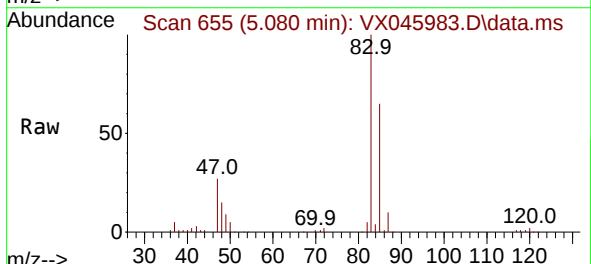
Delta R.T. -0.006 min

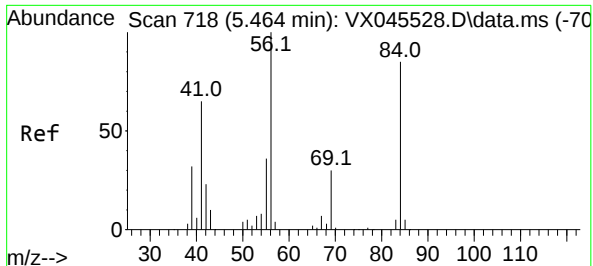
Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Tgt Ion: 83 Resp: 119415

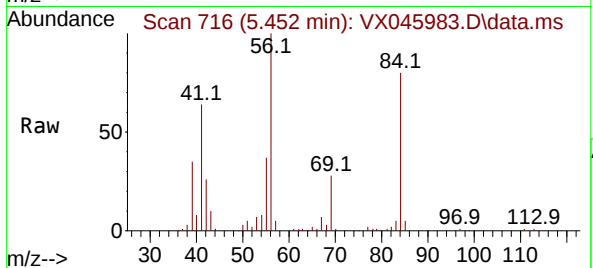
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.8	79.2





#31
Cyclohexane
Concen: 52.613 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

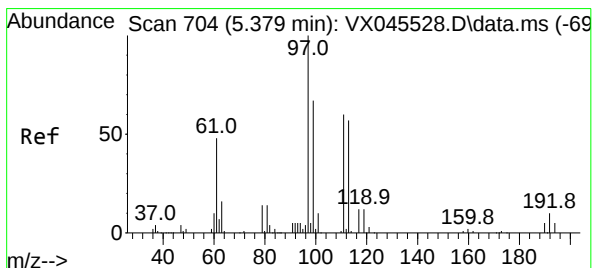
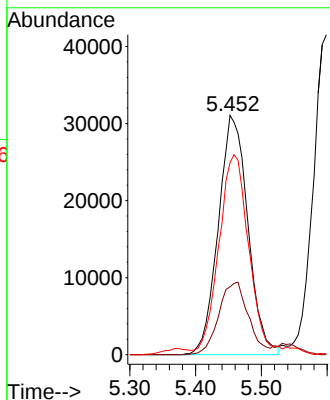
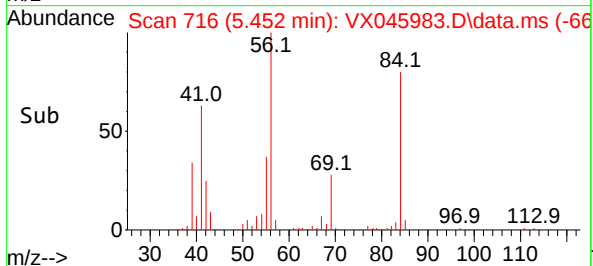
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 97140
Ion Ratio Lower Upper
56 100
69 28.4 23.6 35.4
84 77.7 67.7 101.5

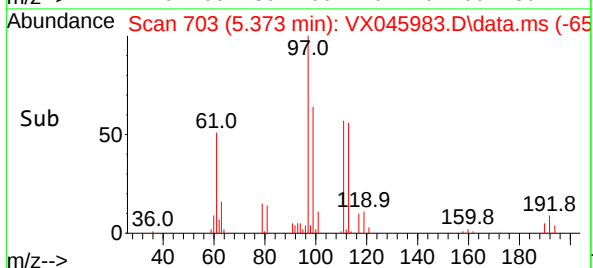
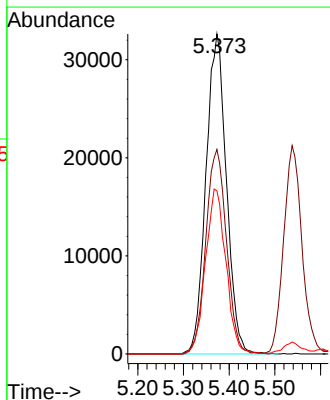
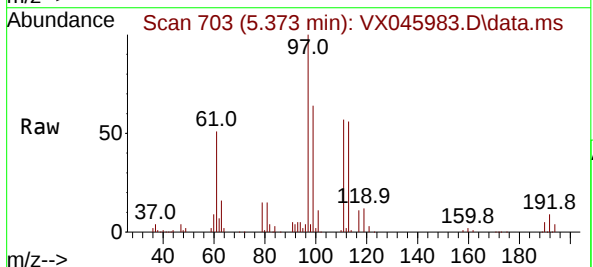
Manual Integrations
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Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#32
1,1,1-Trichloroethane
Concen: 55.713 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 97 Resp: 101307
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 51.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 50.982 ug/l

RT: 5.940 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 76734

Ion Ratio Lower Upper

65 100

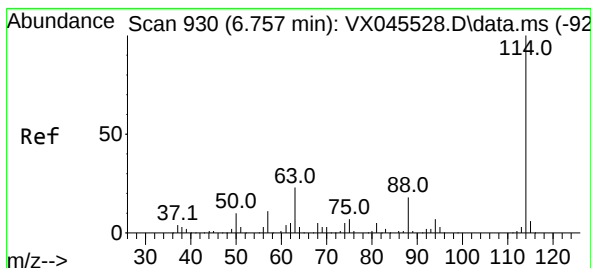
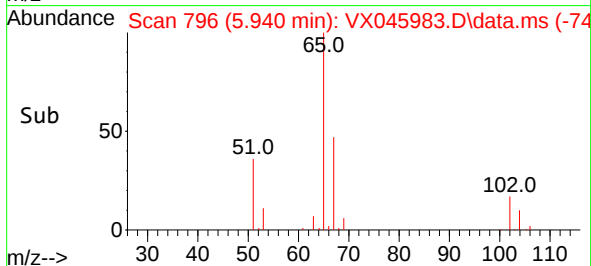
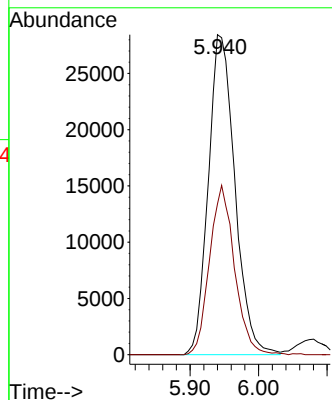
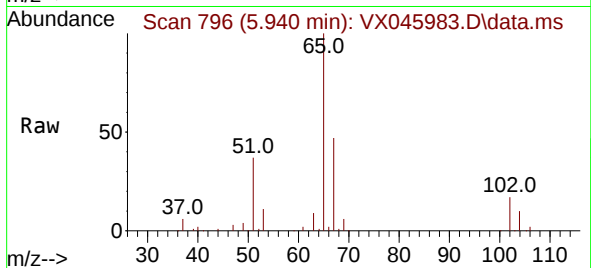
67 49.7 0.0 99.0

Manual Integrations

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Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

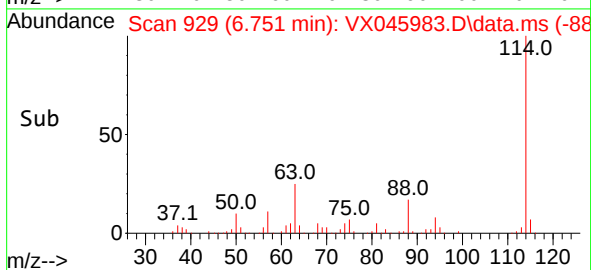
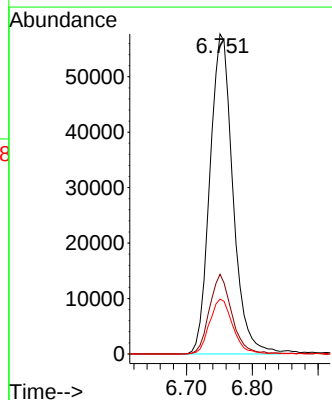
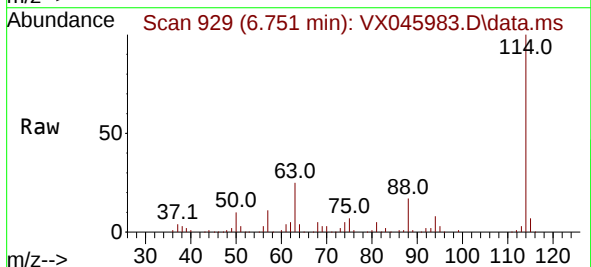
Tgt Ion:114 Resp: 140566

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.8

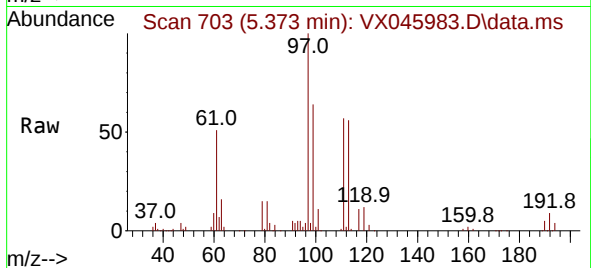
88 17.1 0.0 35.4





#35
Dibromofluoromethane
Concen: 54.537 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

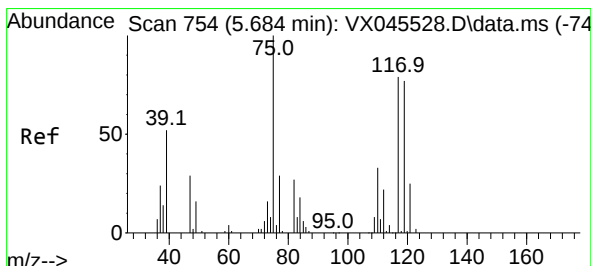
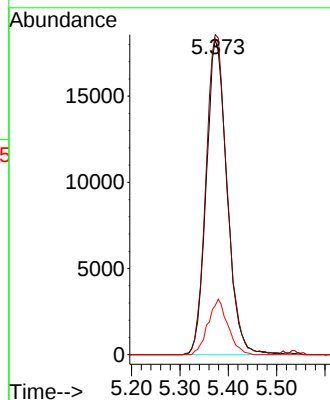
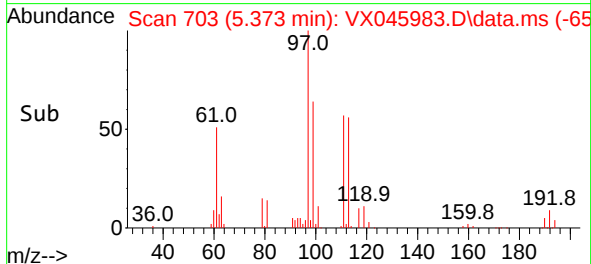
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5439
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.9 13.8 20.6

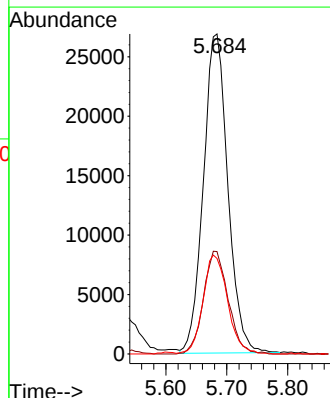
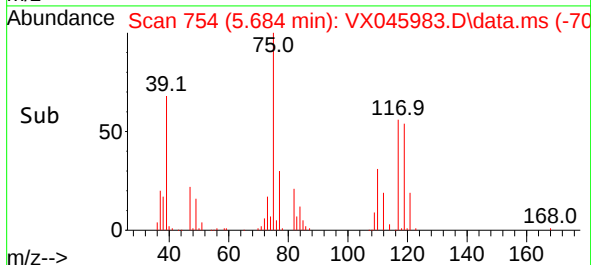
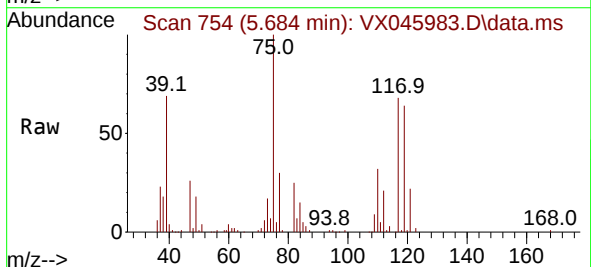
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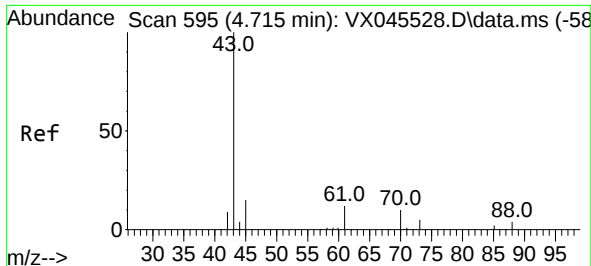
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#36
1,1-Dichloropropene
Concen: 55.666 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

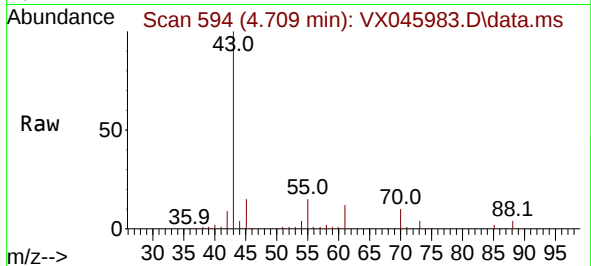
Tgt Ion: 75 Resp: 74959
Ion Ratio Lower Upper
75 100
110 32.5 16.9 50.6
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 55.790 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

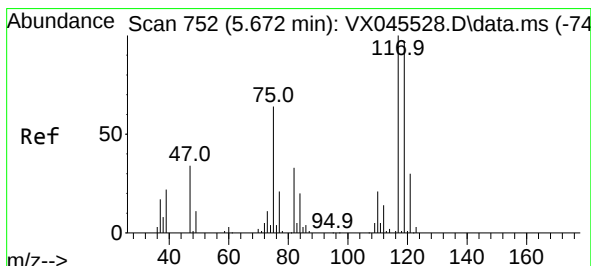
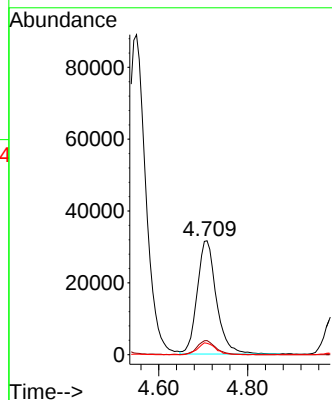
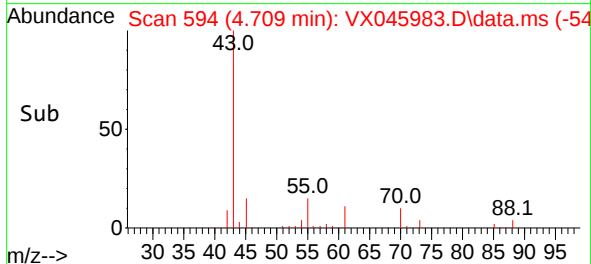
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 9467
Ion Ratio Lower Upper
43 100
61 12.1 9.9 14.9
70 9.7 7.5 11.3

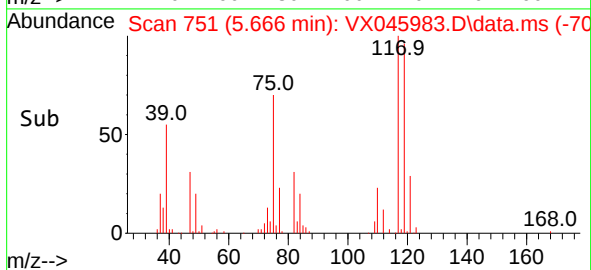
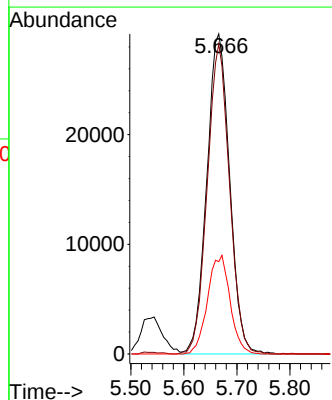
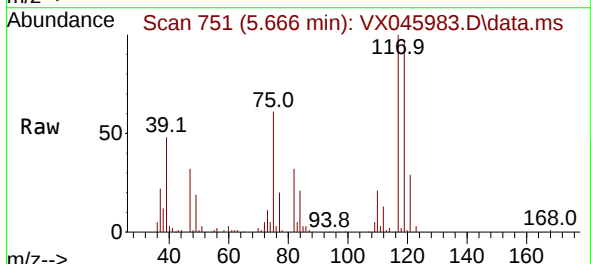
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#38
Carbon Tetrachloride
Concen: 60.017 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

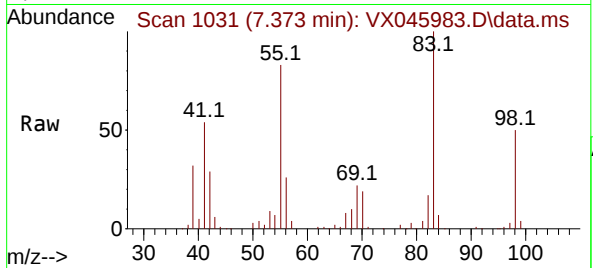
Tgt Ion:117 Resp: 87344
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
121 28.8 24.2 36.2





#39
Methylcyclohexane
Concen: 58.542 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

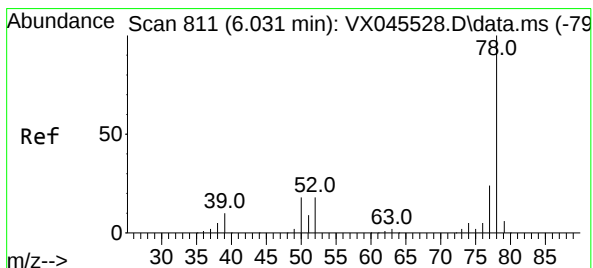
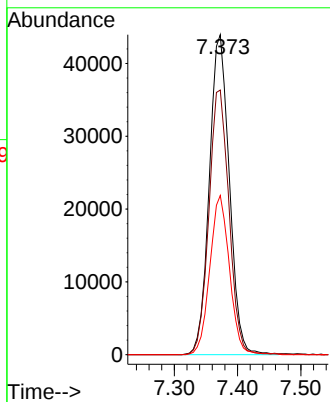
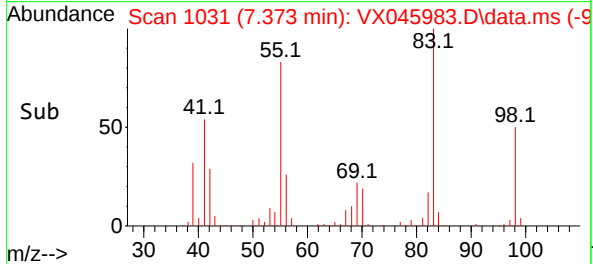
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9663
Ion Ratio Lower Upper
83 100
55 82.7 64.9 97.3
98 49.8 37.4 56.0

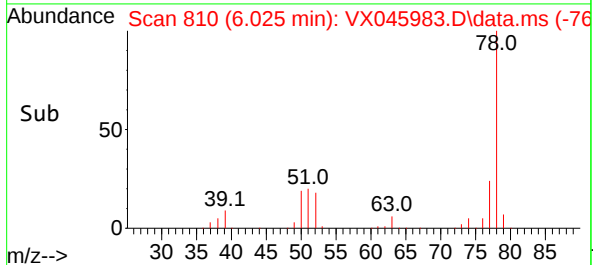
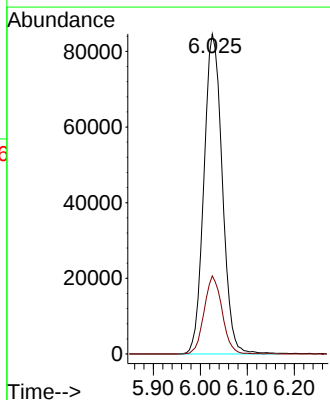
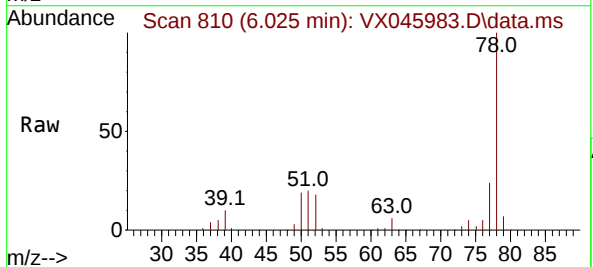
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#40
Benzene
Concen: 55.731 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

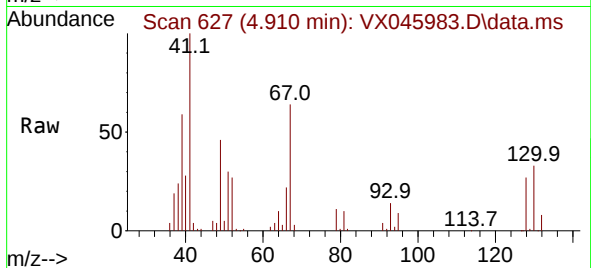
Tgt Ion: 78 Resp: 229199
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 62.743 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

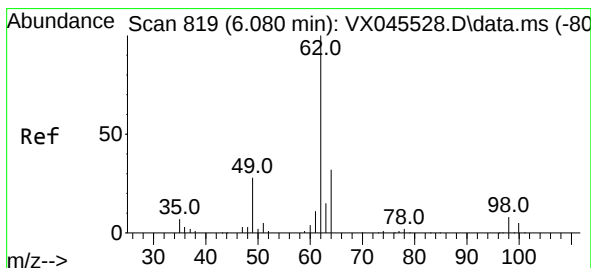
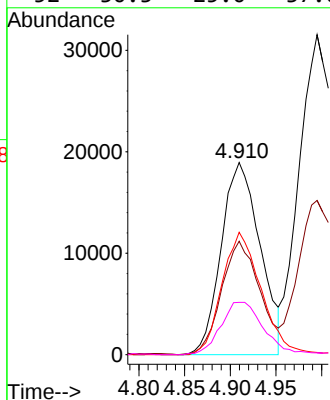
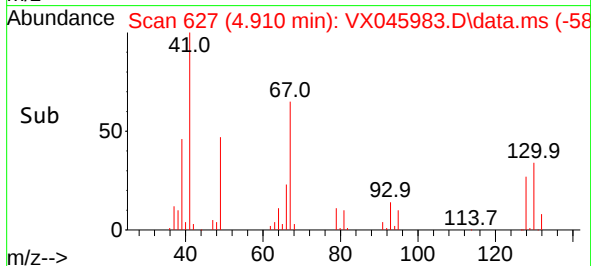
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	56178
Ion Ratio	100	Lower	Upper
39	58.1	47.0	70.6
67	64.4	53.2	79.8
52	30.3	25.0	37.6

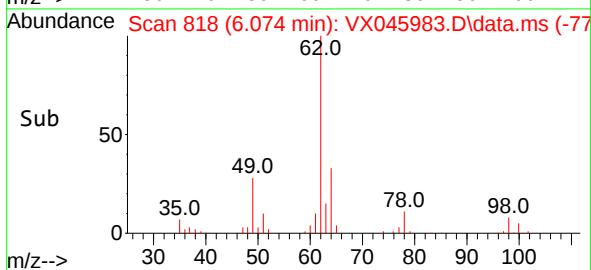
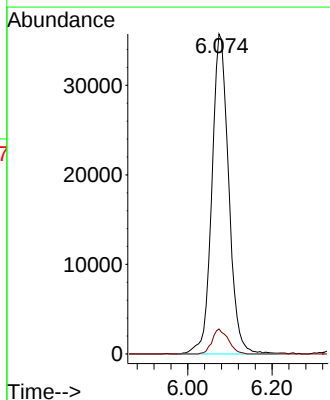
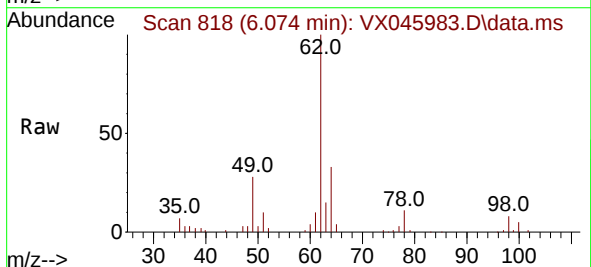
Manual Integrations
APPROVED

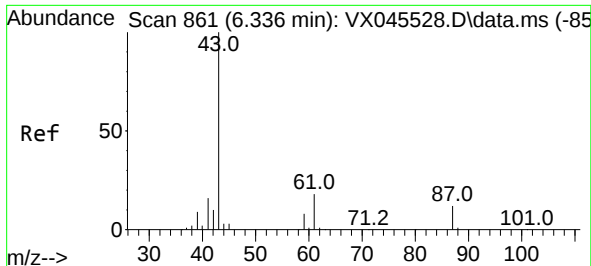
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#42
1,2-Dichloroethane
Concen: 58.187 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

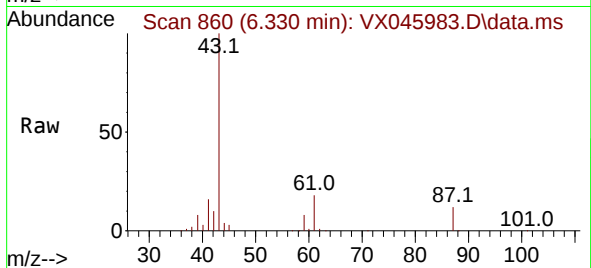
Tgt Ion:	62	Resp:	98837
Ion Ratio	100	Lower	Upper
98	7.5	0.0	15.2





#43
Isopropyl Acetate
Concen: 58.827 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

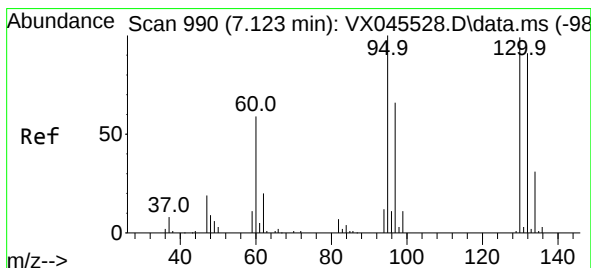
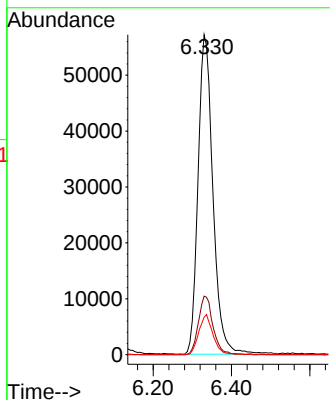
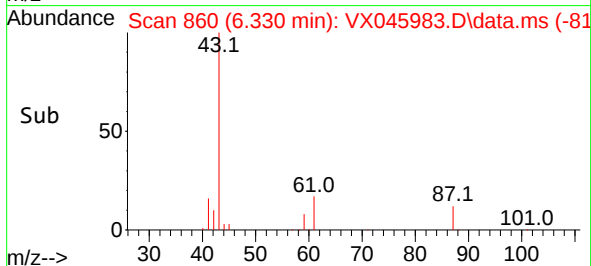
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15130
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.9 9.2 13.8

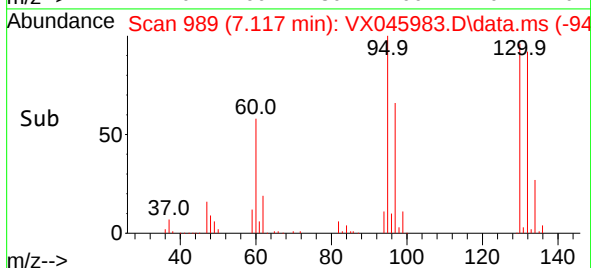
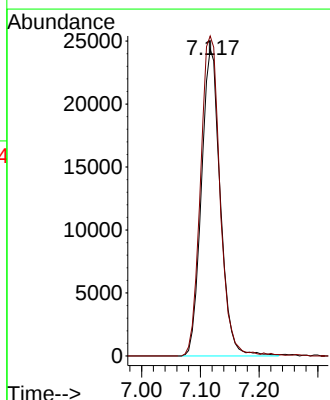
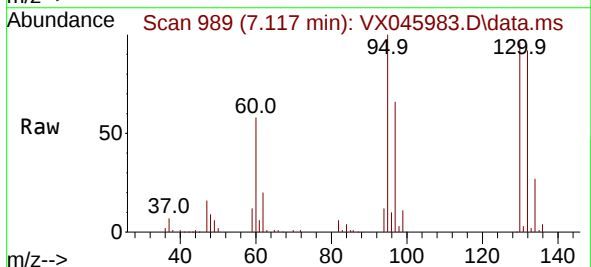
Manual Integrations
APPROVED

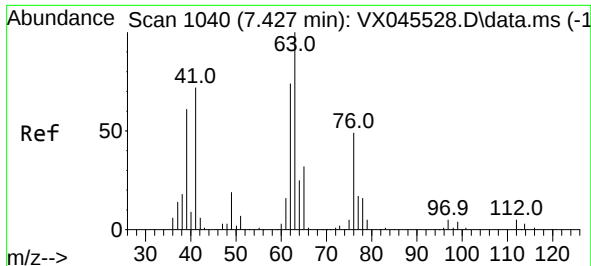
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#44
Trichloroethene
Concen: 55.749 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion:130 Resp: 54494
Ion Ratio Lower Upper
130 100
95 104.2 0.0 202.0





#45

1,2-Dichloropropane

Concen: 57.592 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

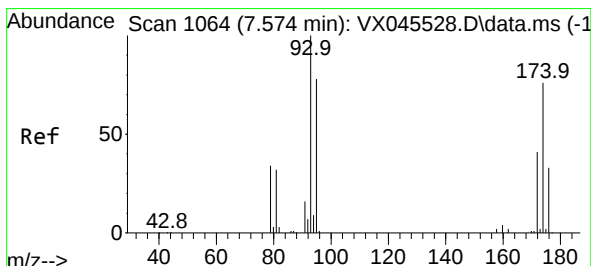
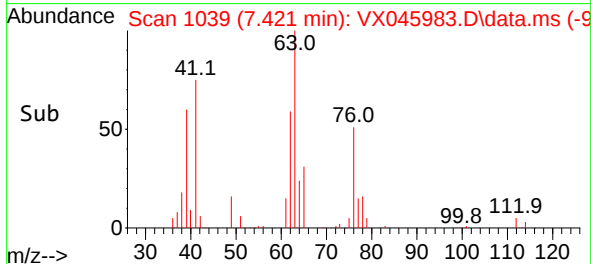
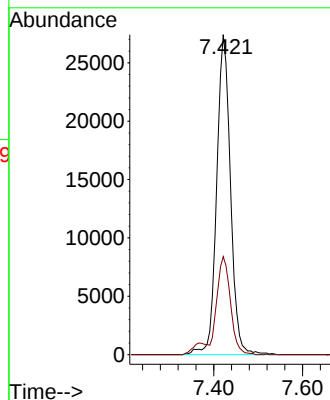
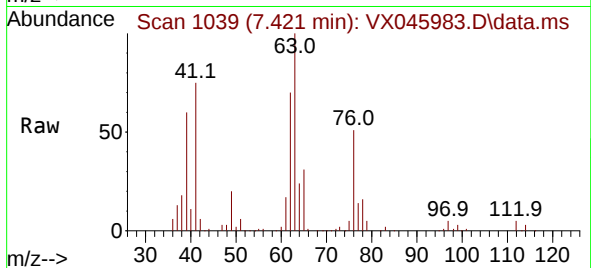
Tgt Ion: 63 Resp: 5909
Ion Ratio Lower Upper
63 100
65 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#46

Dibromomethane

Concen: 57.015 ug/l

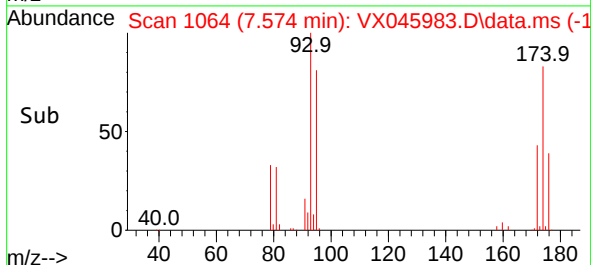
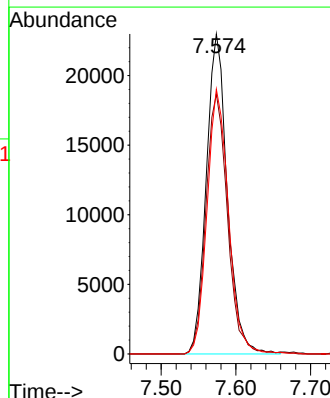
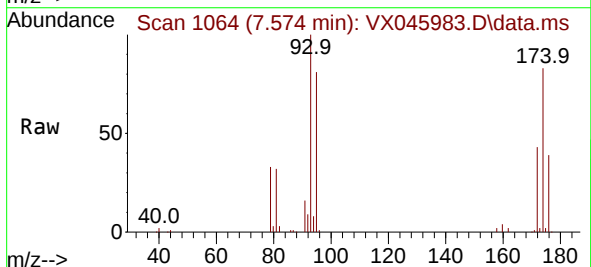
RT: 7.574 min Scan# 1064

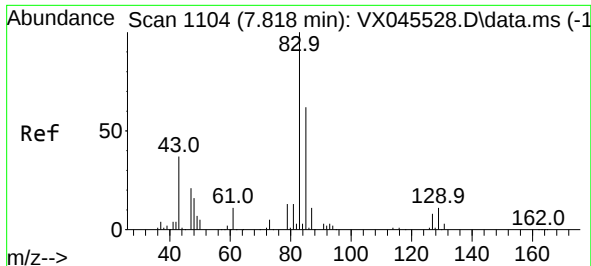
Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Tgt Ion: 93 Resp: 44911
Ion Ratio Lower Upper
93 100
95 83.6 64.8 97.2
174 84.4 65.4 98.0





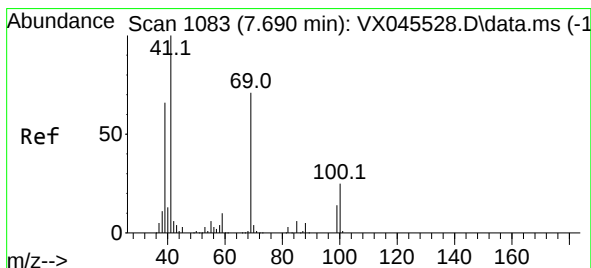
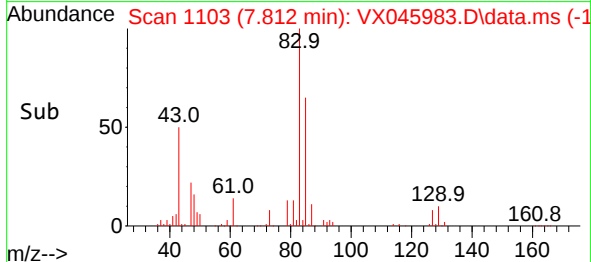
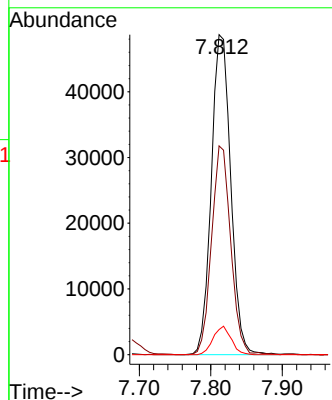
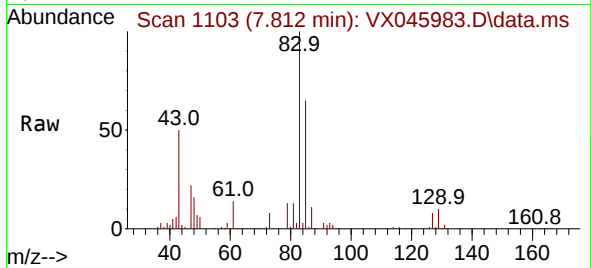
#47
Bromodichloromethane
Concen: 58.448 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9194
Ion Ratio Lower Upper
83 100
85 65.2 49.7 74.5
127 7.8 6.1 9.1

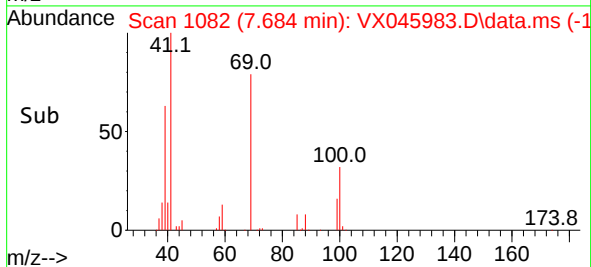
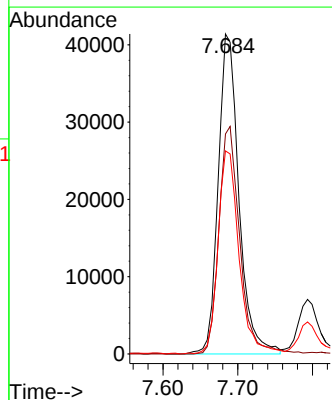
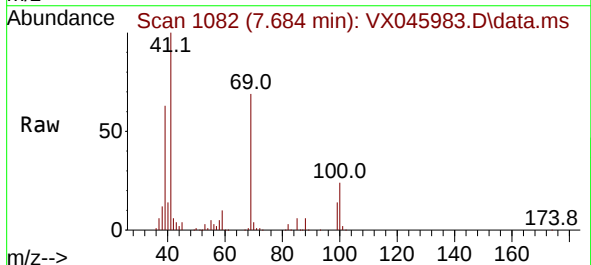
Manual Integrations
APPROVED

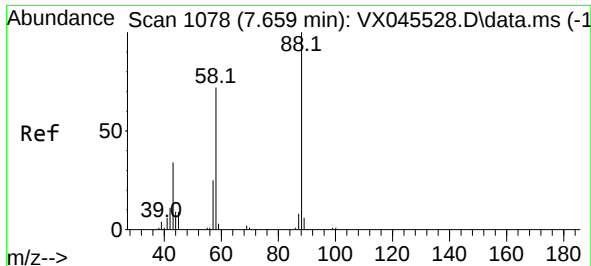
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#48
Methyl methacrylate
Concen: 60.100 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 41 Resp: 79811
Ion Ratio Lower Upper
41 100
69 71.8 58.2 87.2
39 64.6 53.6 80.4





#49

1,4-Dioxane

Concen: 1205.097 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

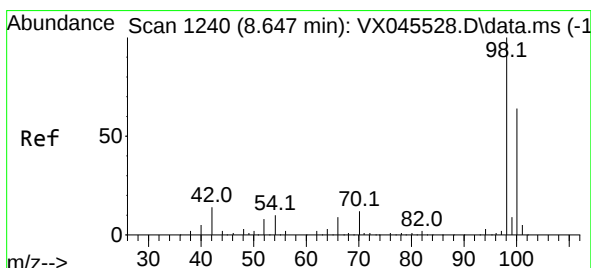
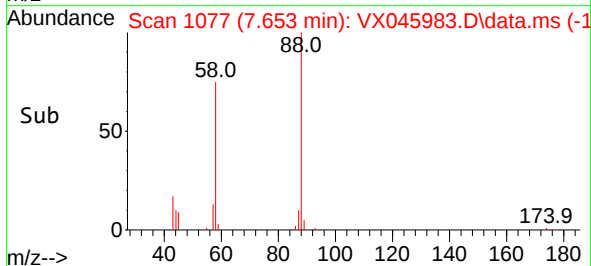
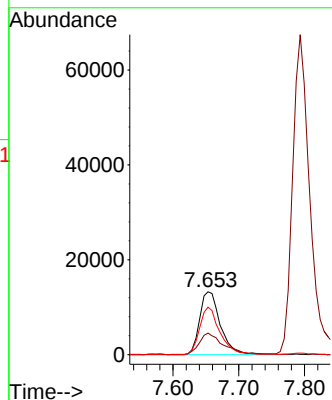
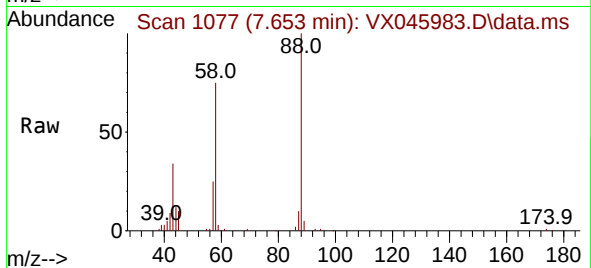
Tgt Ion: 88	Resp: 28954
Ion Ratio	Lower Upper
88 100	
43 40.7	32.2 48.4
58 74.5	58.6 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#50

Toluene-d8

Concen: 50.774 ug/l

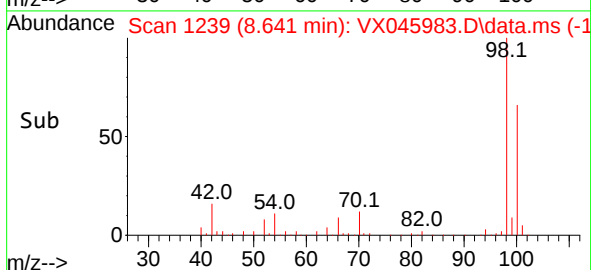
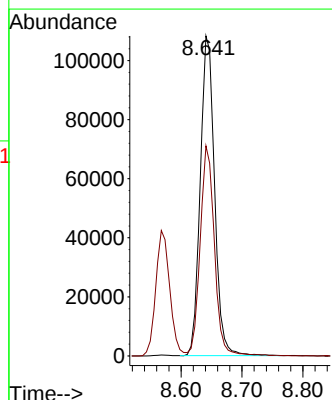
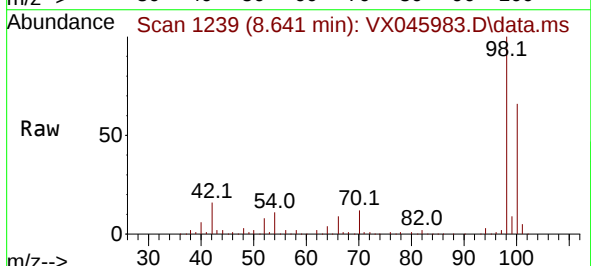
RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

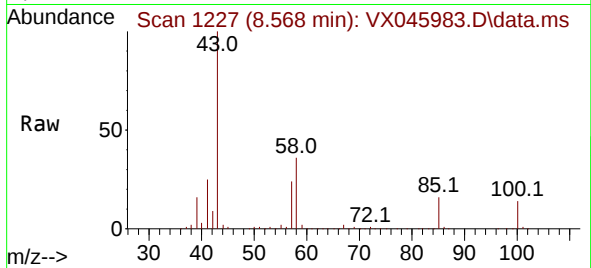
Tgt Ion: 98	Resp: 176745
Ion Ratio	Lower Upper
98 100	
100 64.8	52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 296.167 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

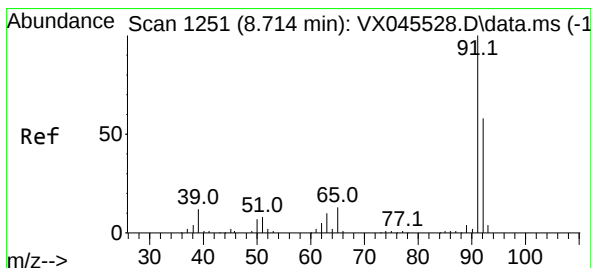
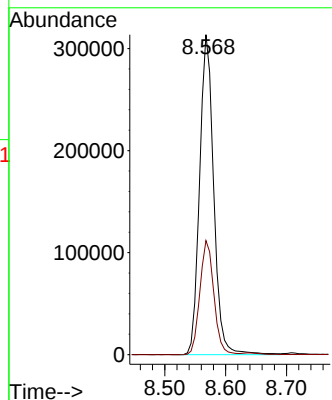
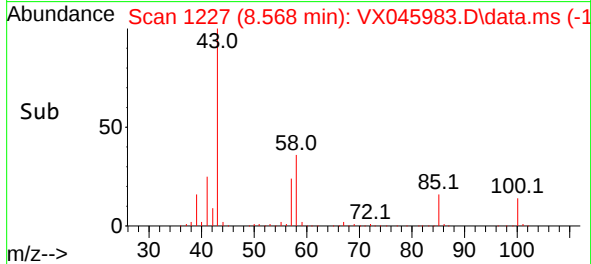
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 504968
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

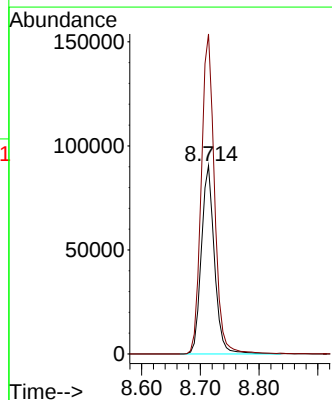
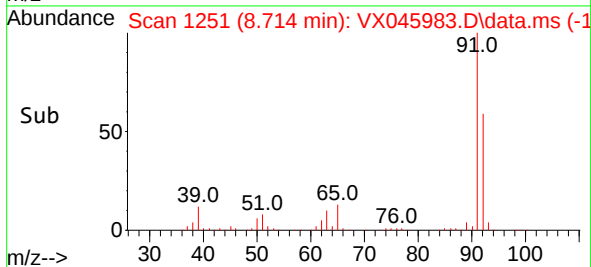
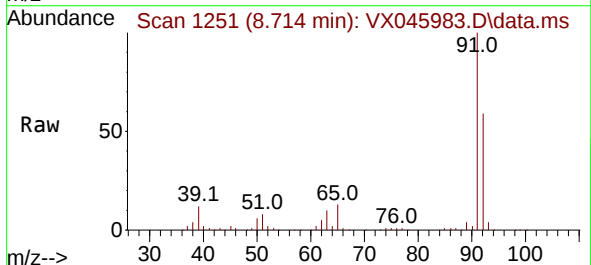
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#52
Toluene
Concen: 56.395 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 92 Resp: 140340
Ion Ratio Lower Upper
92 100
91 171.7 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 54.133 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 82189

Ion Ratio Lower Upper

75 100

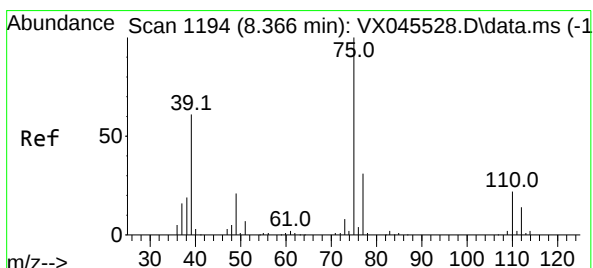
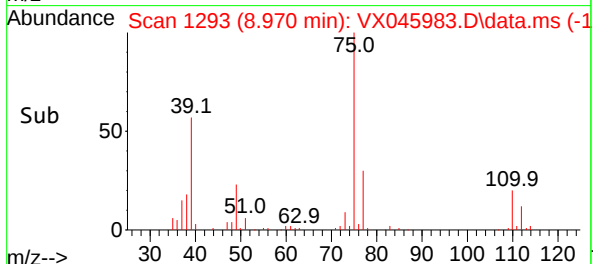
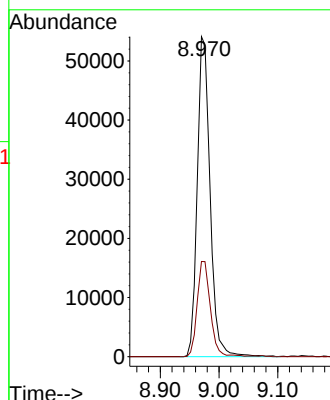
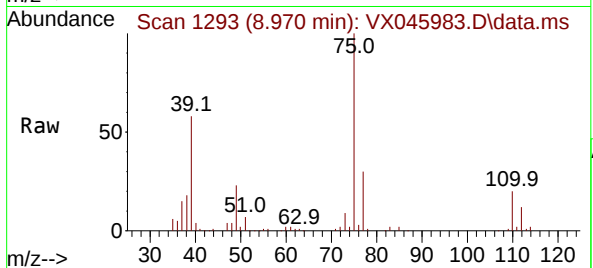
77 29.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#54

cis-1,3-Dichloropropene

Concen: 61.089 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

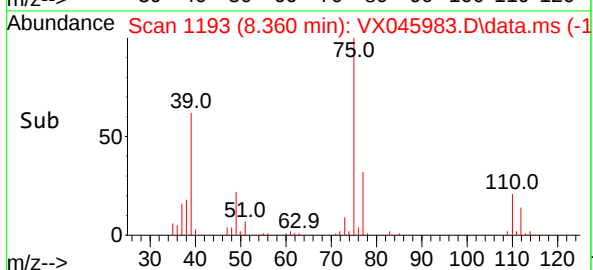
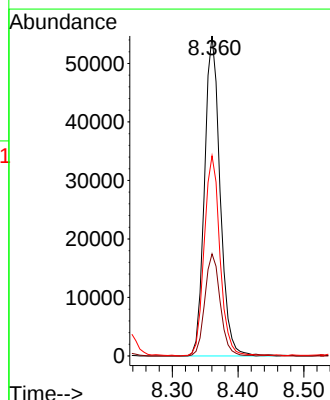
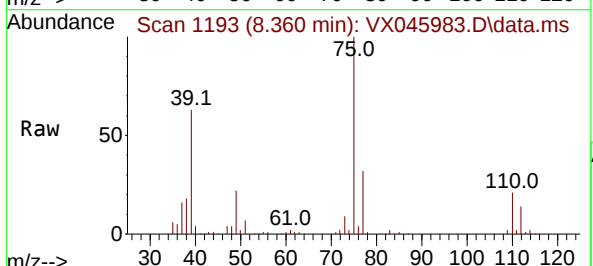
Tgt Ion: 75 Resp: 90305

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

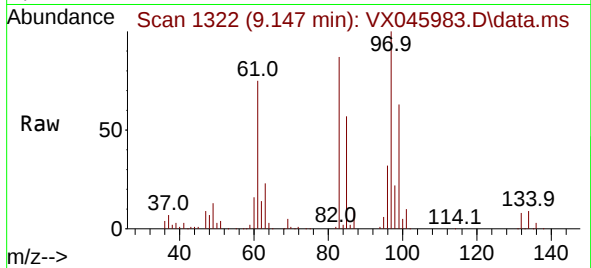
39 62.6 48.4 72.6





#55
 1,1,2-Trichloroethane
 Concen: 56.538 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

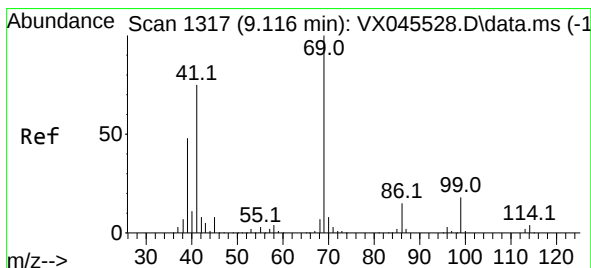
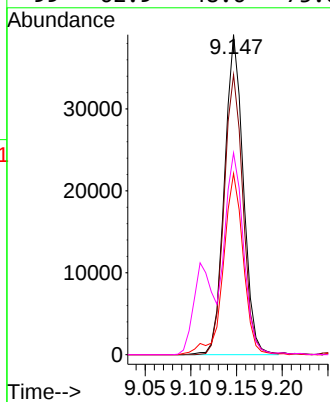
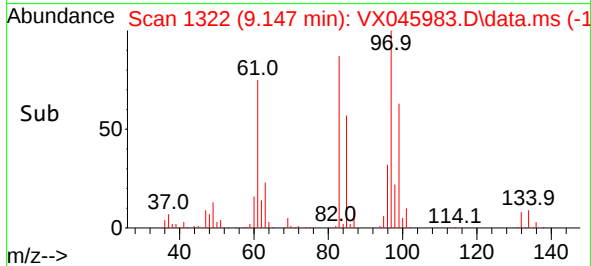
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



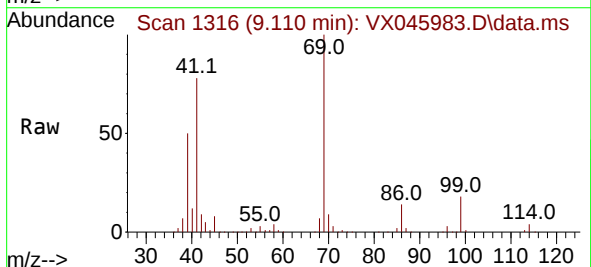
Tgt Ion: 97 Resp: 56060
 Ion Ratio Lower Upper
 97 100
 83 87.5 71.8 107.8
 85 56.6 47.0 70.6
 99 62.9 48.6 73.0

Manual Integrations
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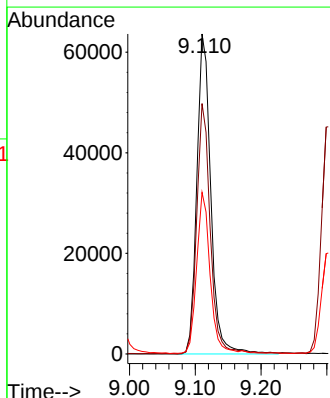
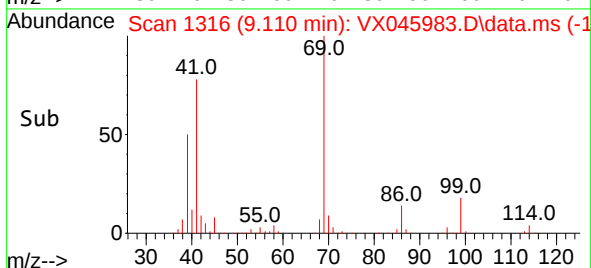
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025

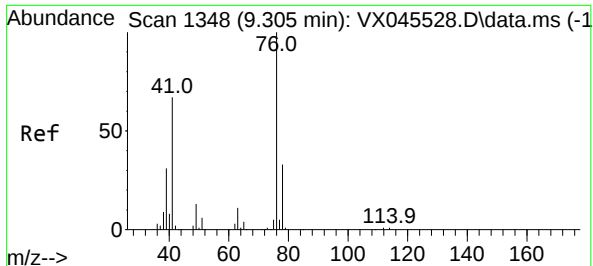


#56
 Ethyl methacrylate
 Concen: 61.003 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15



Tgt Ion: 69 Resp: 93620
 Ion Ratio Lower Upper
 69 100
 41 76.1 61.3 91.9
 39 48.4 40.2 60.2





#57

1,3-Dichloropropane

Concen: 56.931 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 98310

Ion Ratio Lower Upper

76 100

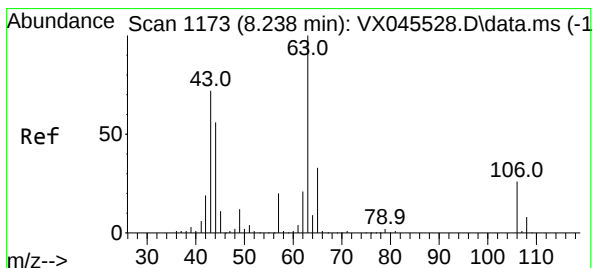
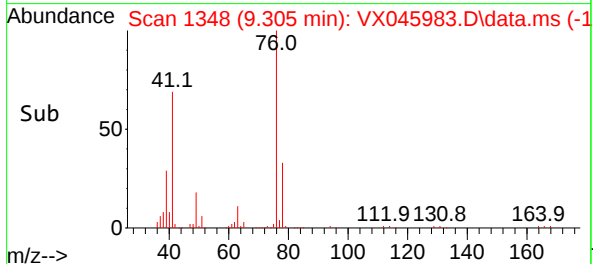
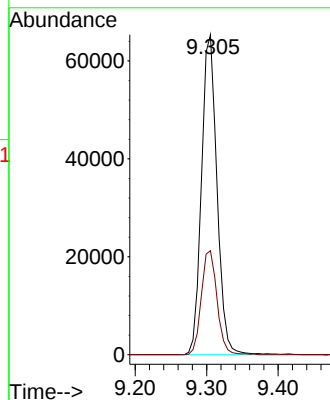
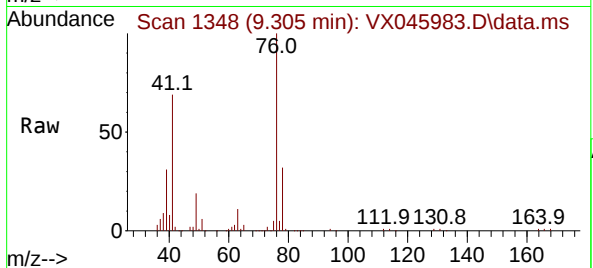
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 281.456 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045983.D

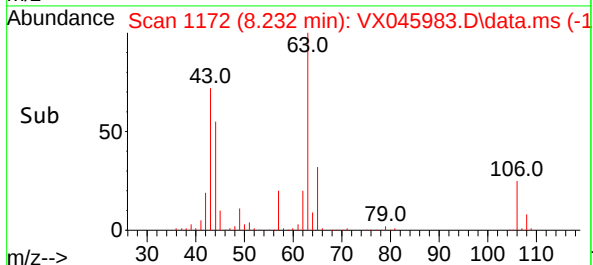
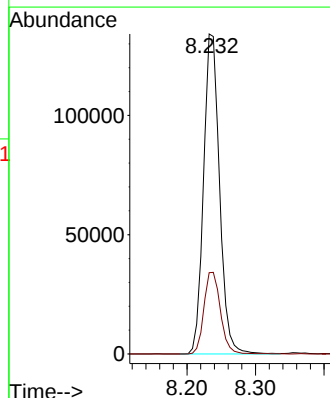
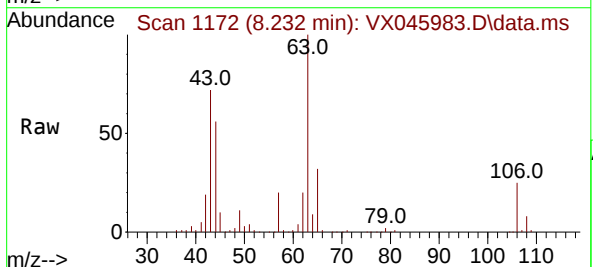
Acq: 29 Apr 2025 16:15

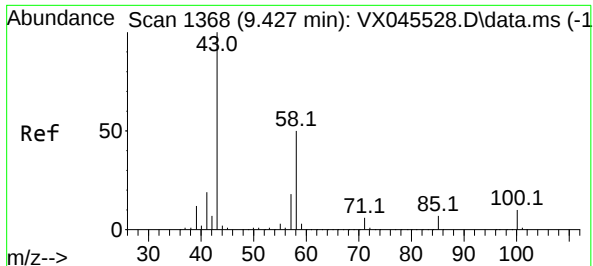
Tgt Ion: 63 Resp: 218510

Ion Ratio Lower Upper

63 100

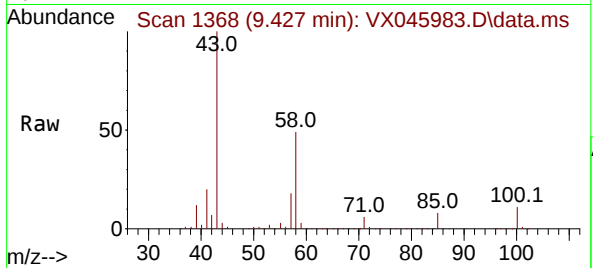
106 26.3 21.0 31.6





#59
2-Hexanone
Concen: 296.808 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

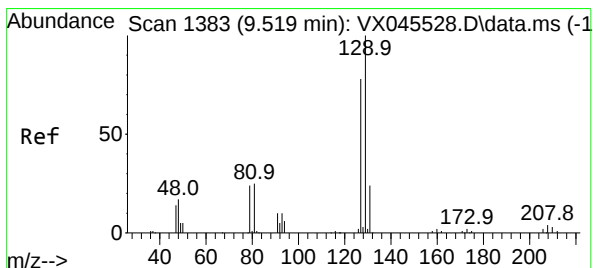
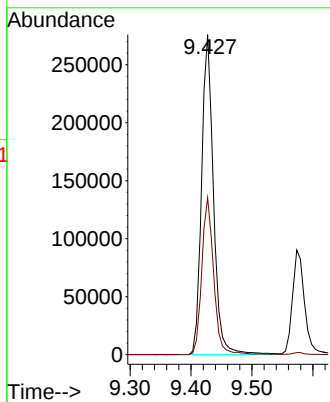
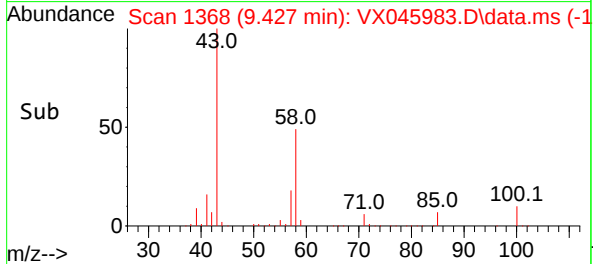
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37475
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

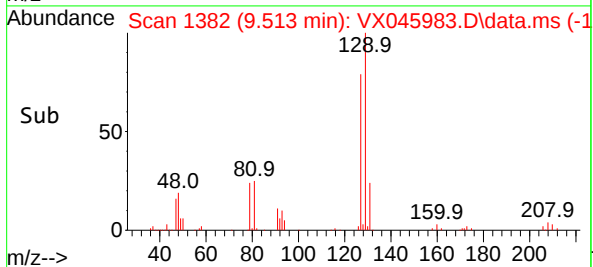
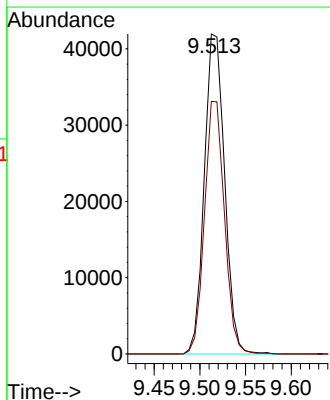
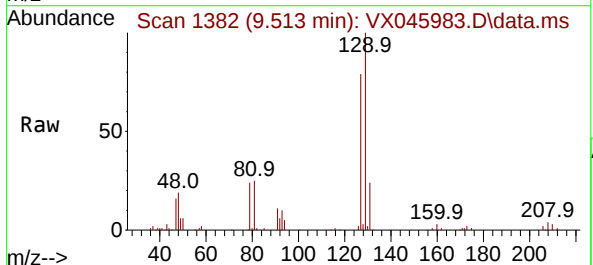
Manual Integrations
APPROVED

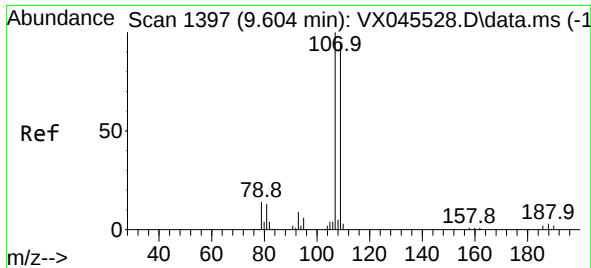
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#60
Dibromochloromethane
Concen: 59.783 ug/l
RT: 9.513 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion:129 Resp: 64630
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2





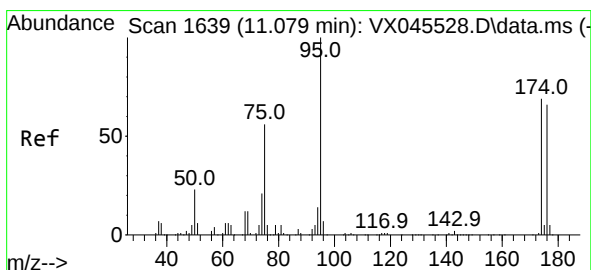
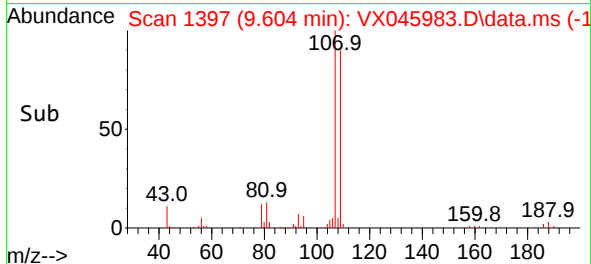
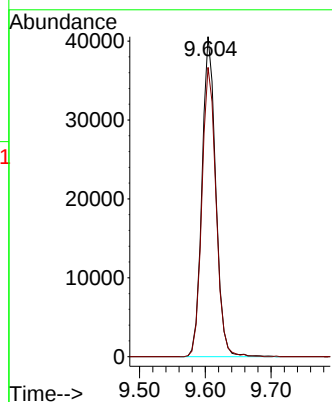
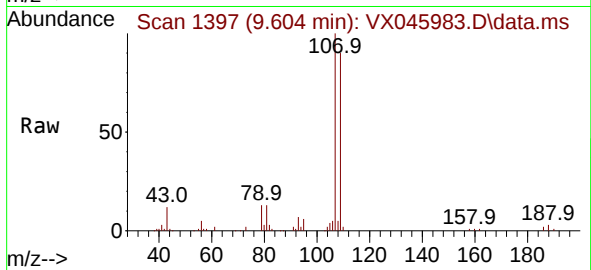
#61
1,2-Dibromoethane
Concen: 58.745 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5897
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

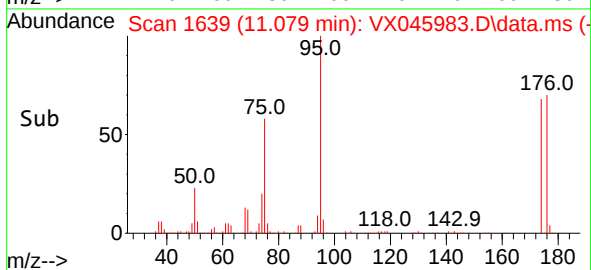
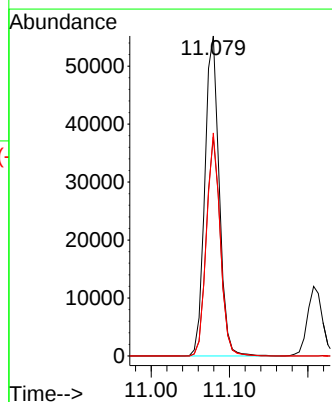
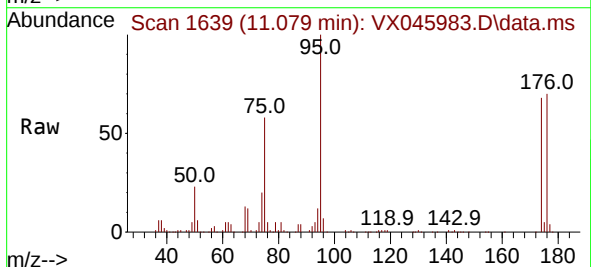
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#62
4-Bromofluorobenzene
Concen: 55.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

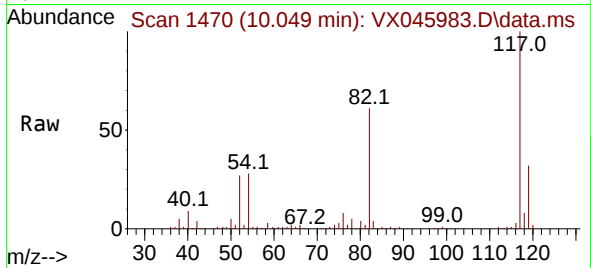
Tgt Ion: 95 Resp: 70111
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 66.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

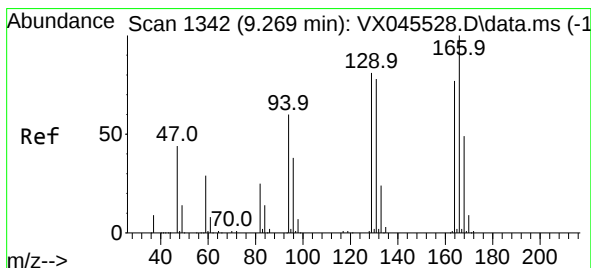
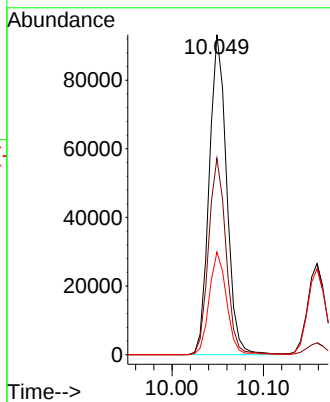
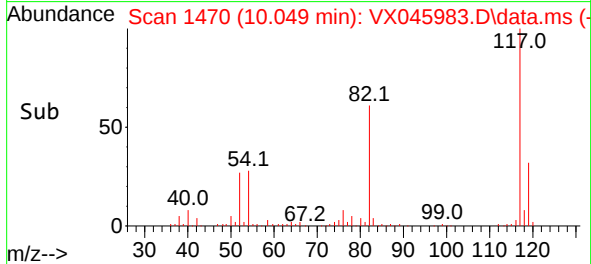
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 123168
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.0 25.1 37.7

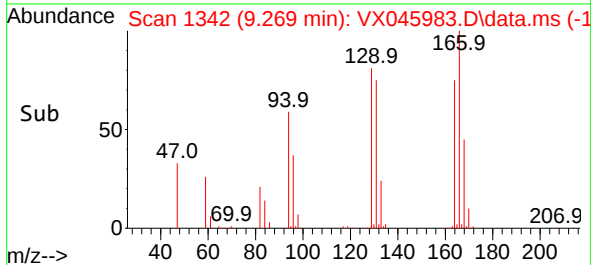
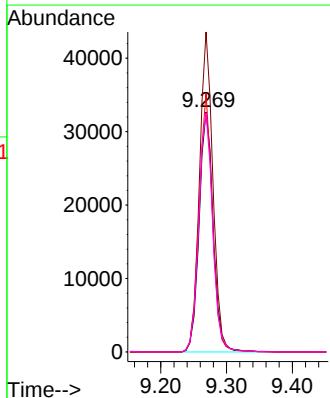
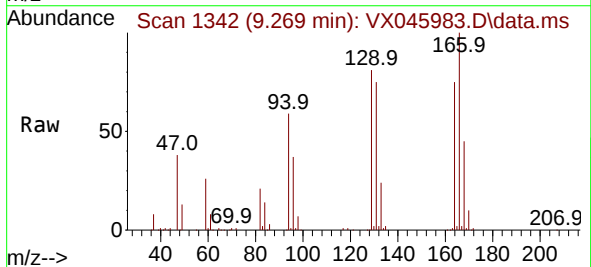
Manual Integrations
APPROVED

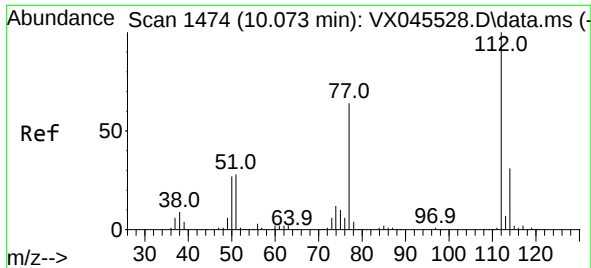
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#64
Tetrachloroethene
Concen: 55.640 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

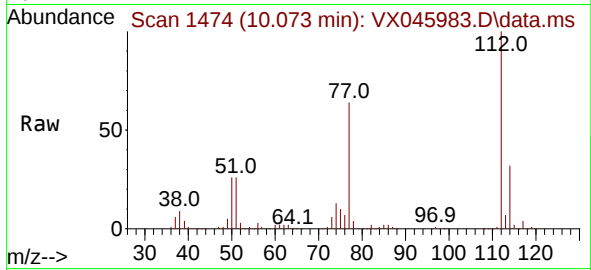
Tgt Ion:164 Resp: 48385
Ion Ratio Lower Upper
164 100
166 133.3 103.8 155.8
129 107.8 84.3 126.5
131 99.5 80.9 121.3





#65
Chlorobenzene
Concen: 57.569 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

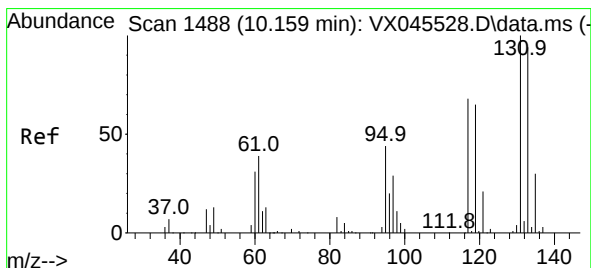
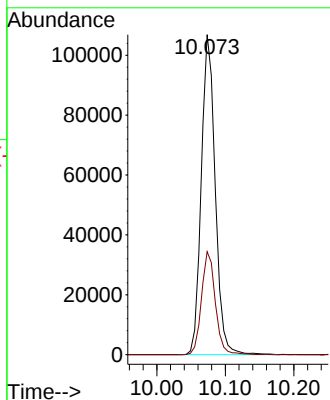
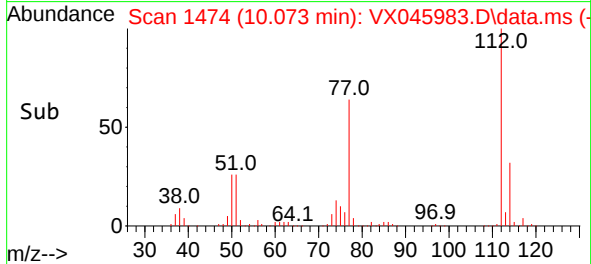
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 151510
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

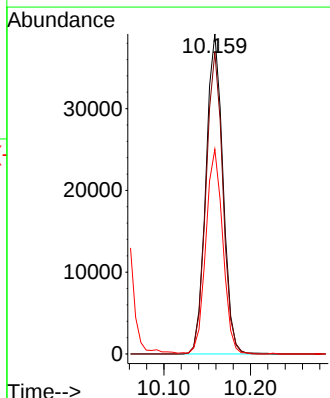
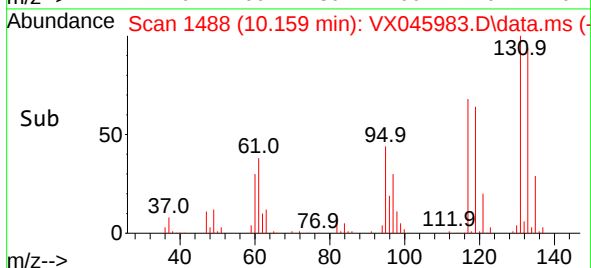
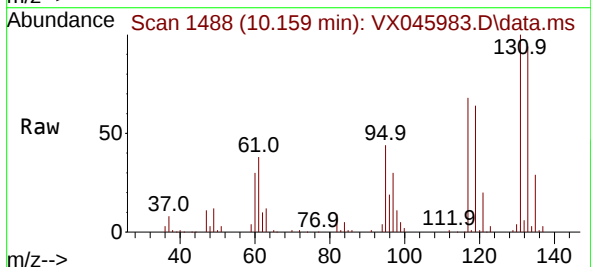
Manual Integrations
APPROVED

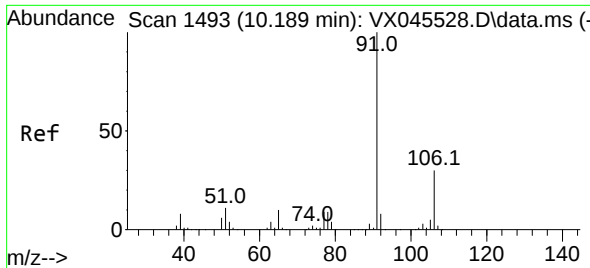
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 58.393 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

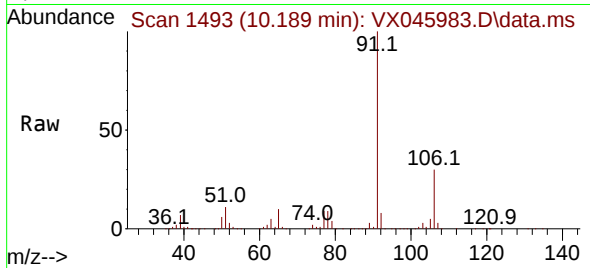
Tgt Ion:131 Resp: 53356
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 63.8 32.9 98.6





#67
Ethyl Benzene
Concen: 58.228 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

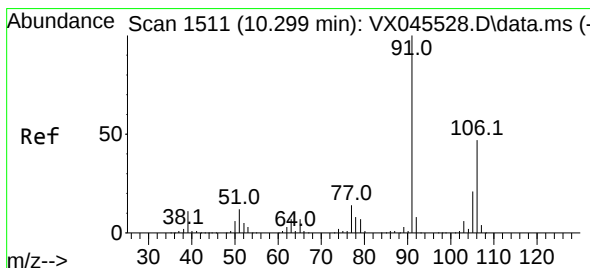
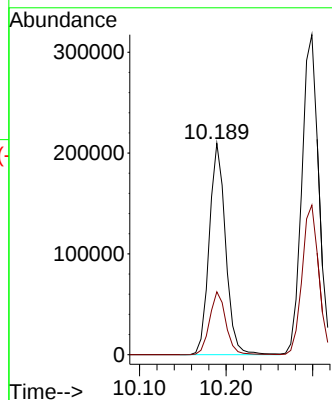
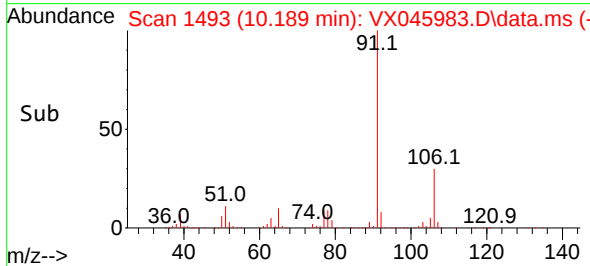
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



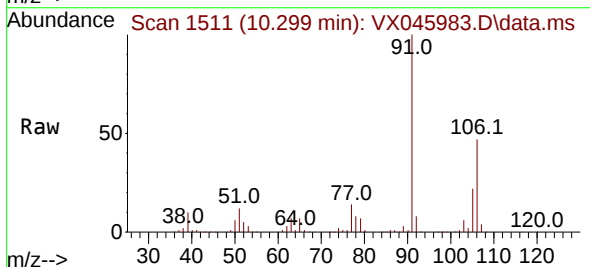
Tgt Ion: 91 Resp: 274470
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

Manual Integrations
APPROVED

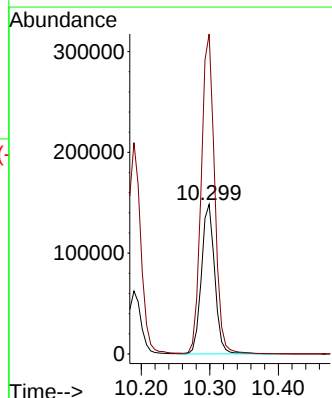
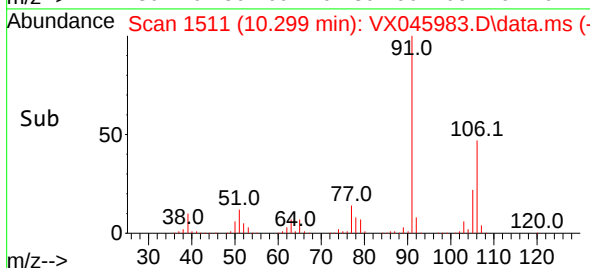
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

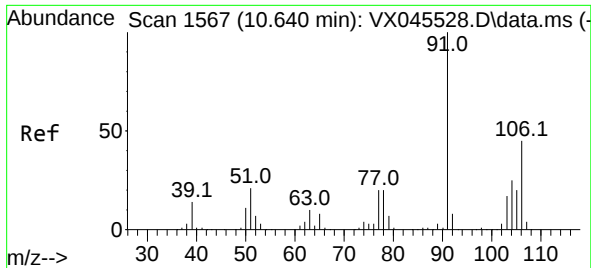


#68
m/p-Xylenes
Concen: 116.713 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15



Tgt Ion:106 Resp: 200096
Ion Ratio Lower Upper
106 100
91 216.5 172.6 258.8





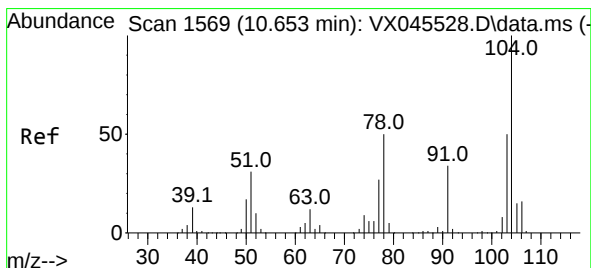
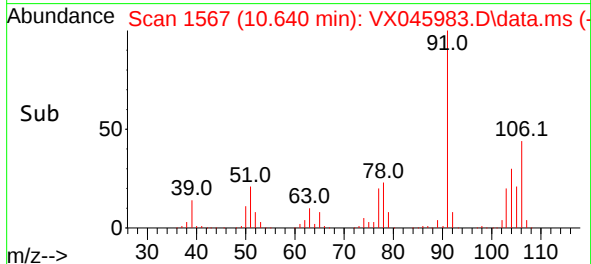
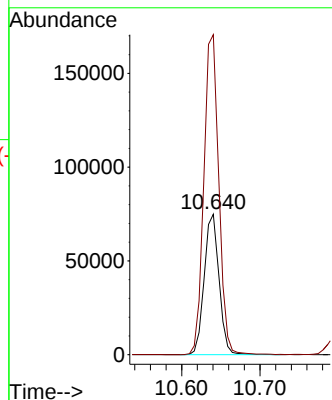
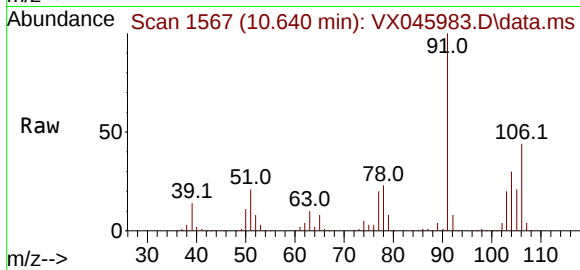
#69
o-Xylene
Concen: 58.189 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 98274
Ion Ratio Lower Upper
106 100
91 230.5 113.6 340.6

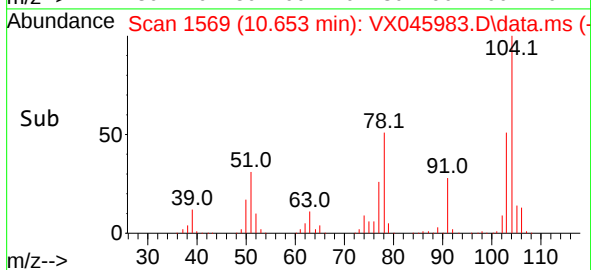
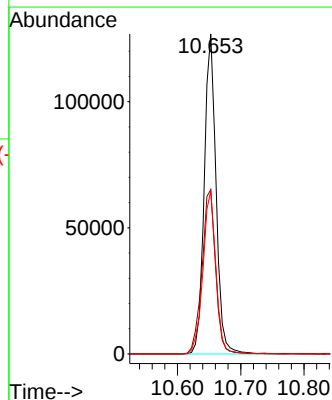
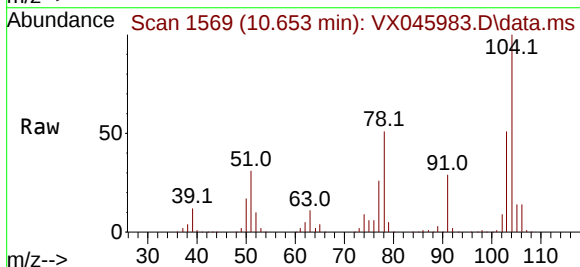
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#70
Styrene
Concen: 59.409 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion:104 Resp: 165602
Ion Ratio Lower Upper
104 100
78 59.2 45.4 68.2
103 55.9 43.8 65.8





#71

Bromoform

Concen: 59.836 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

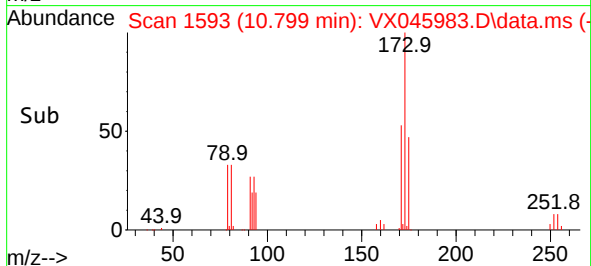
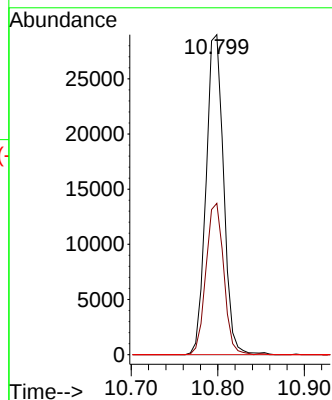
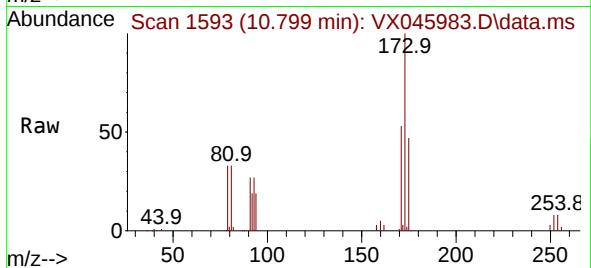
Tgt Ion:173	Resp: 40824
Ion Ratio	Lower Upper
173 100	
175 47.9	23.4 70.2
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

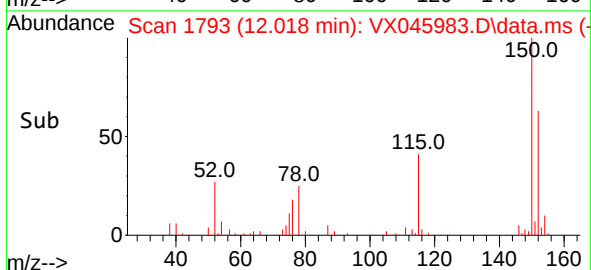
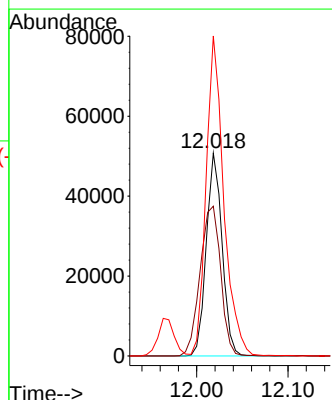
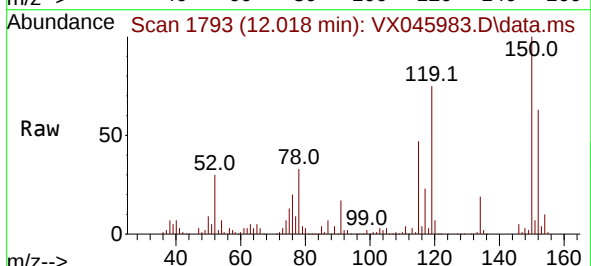
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

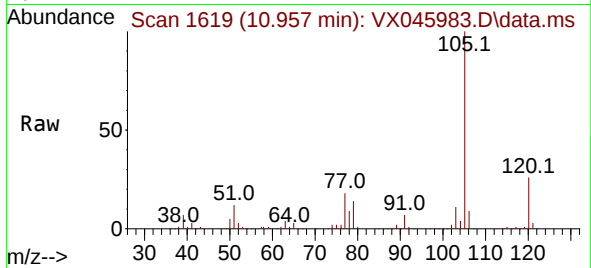
Tgt Ion:152	Resp: 60930
Ion Ratio	Lower Upper
152 100	
115 96.2	46.9 140.7
150 175.9	0.0 349.4





#73
Isopropylbenzene
Concen: 54.690 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

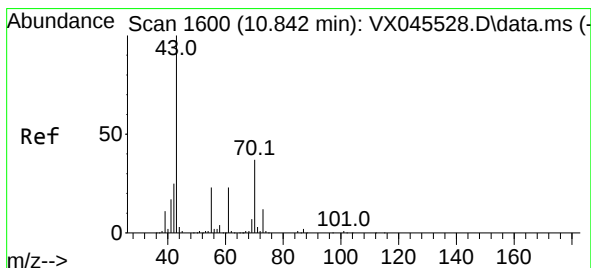
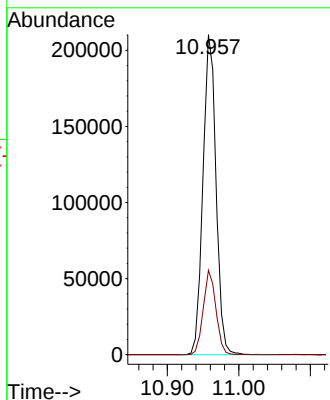
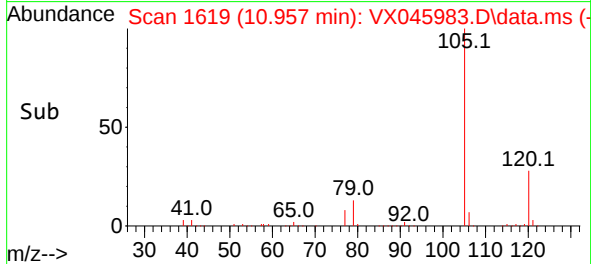
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 266910
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

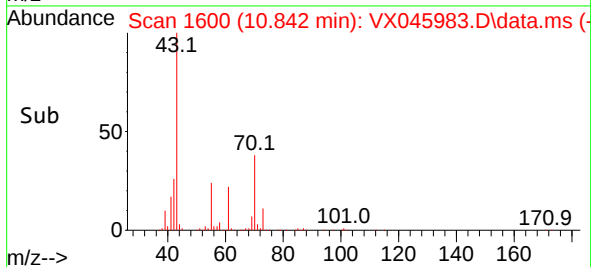
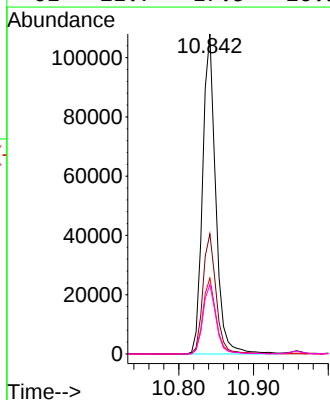
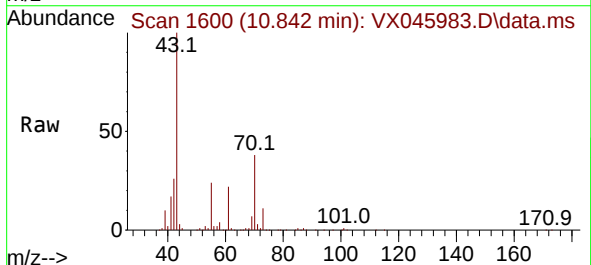
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#74
N-ethyl acetate
Concen: 56.399 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 43 Resp: 131669
Ion Ratio Lower Upper
43 100
70 37.8 30.1 45.1
55 23.8 18.3 27.5
61 21.7 17.5 26.3





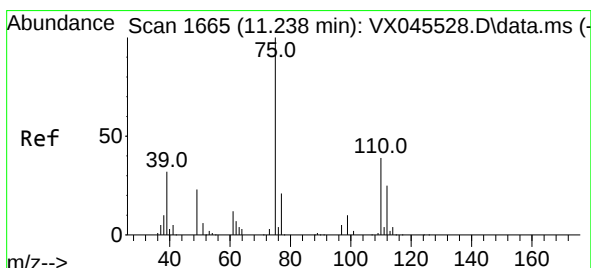
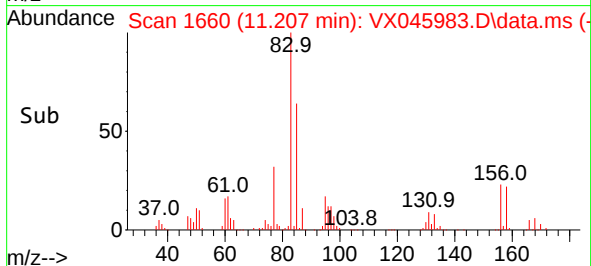
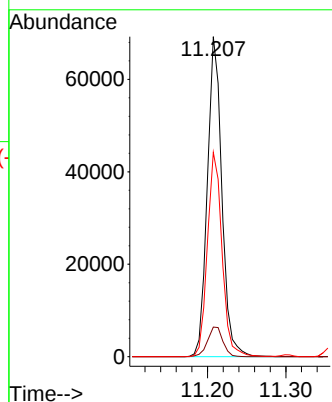
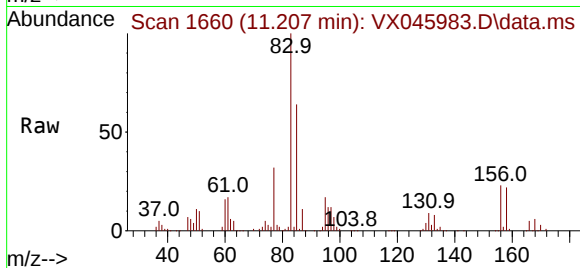
#75
1,1,2,2-Tetrachloroethane
Concen: 51.865 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8892
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.3 32.4 97.2

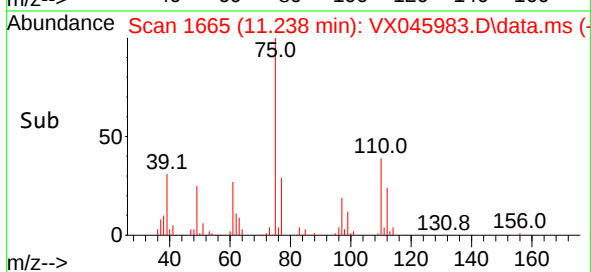
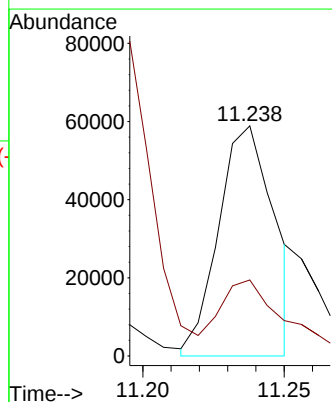
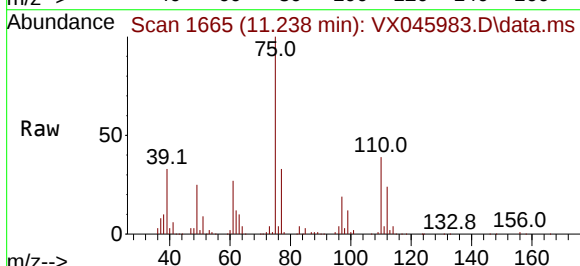
Manual Integrations
APPROVED

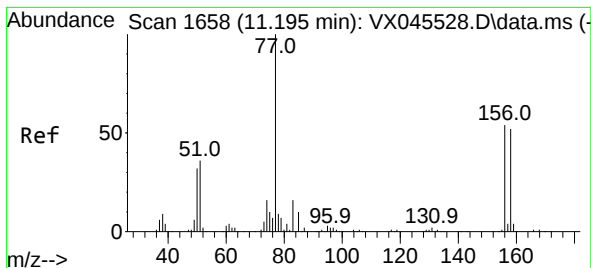
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#76
1,2,3-Trichloropropane
Concen: 54.133 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 75 Resp: 80454
Ion Ratio Lower Upper
75 100
77 39.2 20.0 59.9





#77

Bromobenzene

Concen: 52.649 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

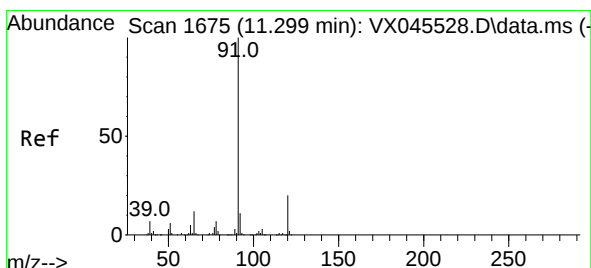
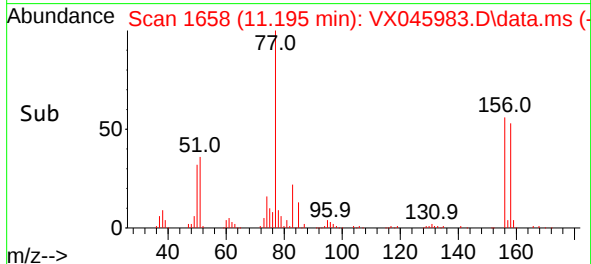
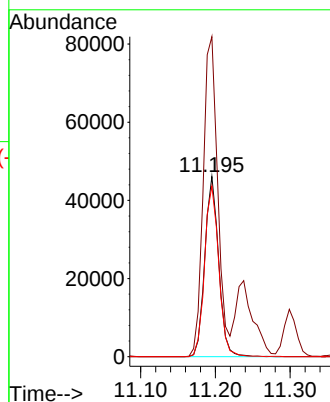
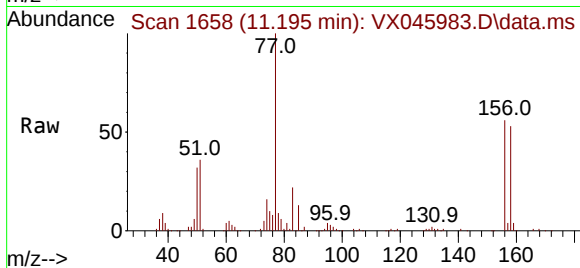
Tgt Ion:	156	Resp:	5937
Ion Ratio	Lower	Upper	
156	100		
77	185.9	92.6	277.8
158	97.0	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#78

n-propylbenzene

Concen: 55.912 ug/l

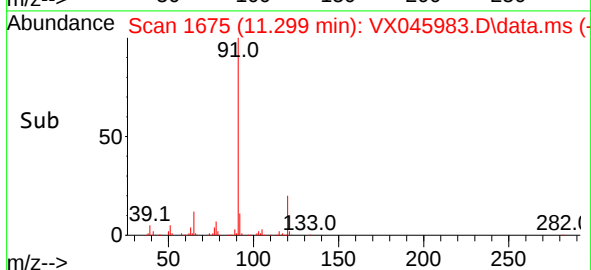
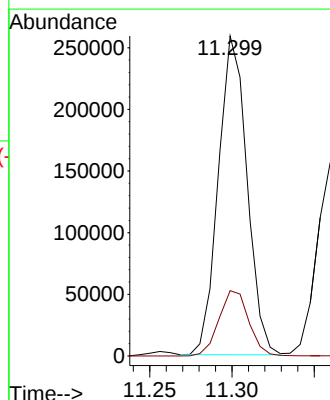
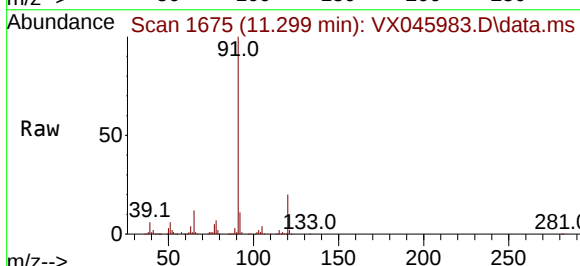
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Tgt Ion:	91	Resp:	314312
Ion Ratio	Lower	Upper	
91	100		
120	21.3	10.8	32.3





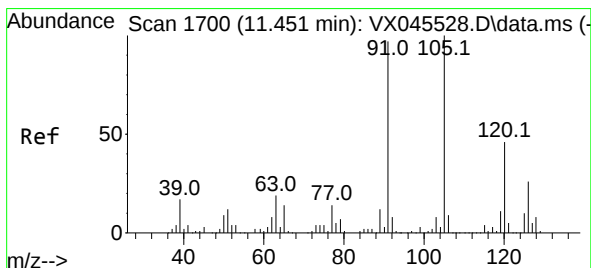
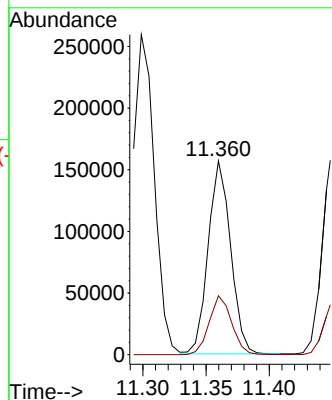
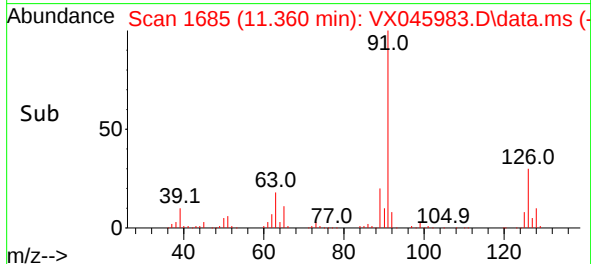
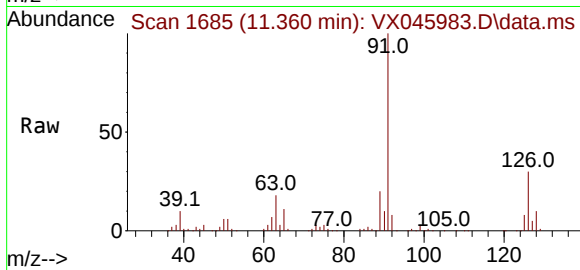
#79
2-Chlorotoluene
Concen: 53.831 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 193458
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4

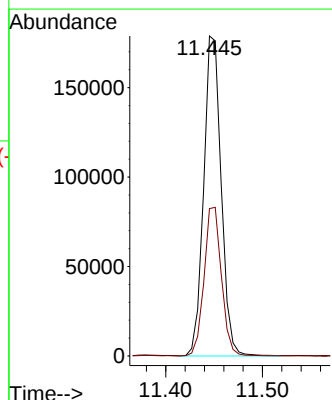
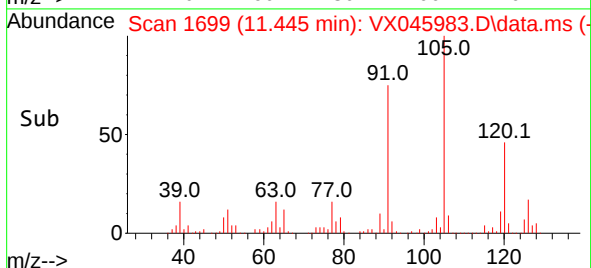
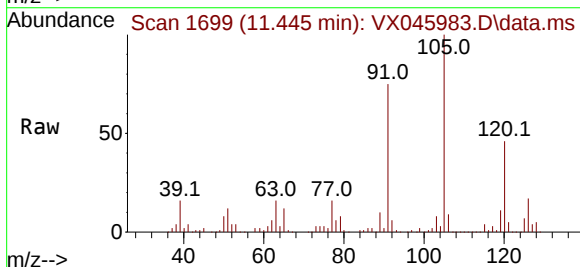
Manual Integrations
APPROVED

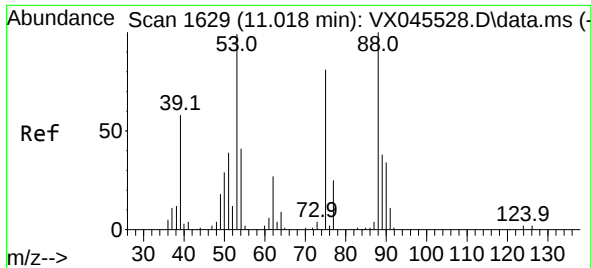
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.960 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion:105 Resp: 225843
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





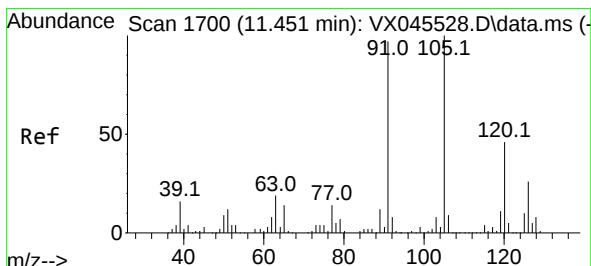
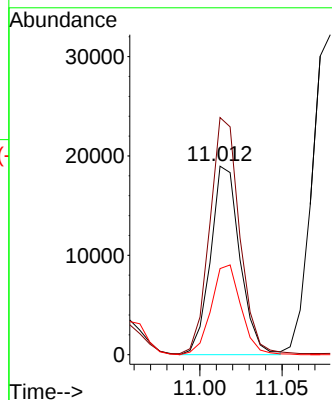
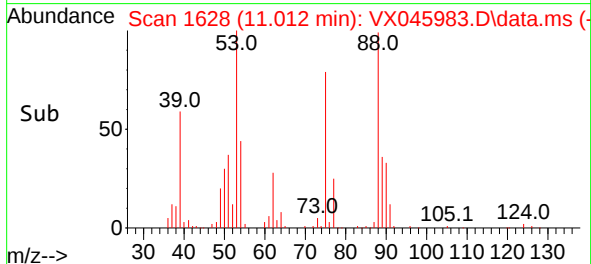
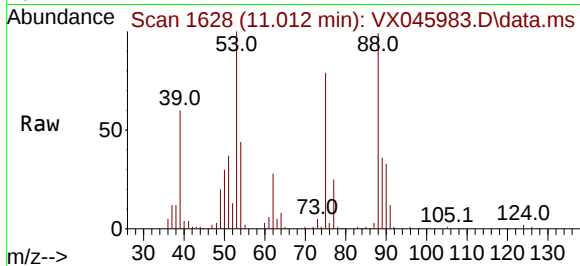
#81
trans-1,4-Dichloro-2-butene
Concen: 53.960 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23630
Ion Ratio Lower Upper
75 100
53 128.9 101.8 152.6
89 48.1 37.2 55.8

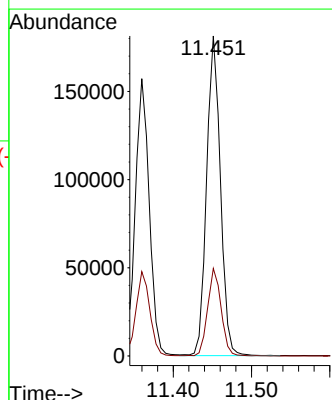
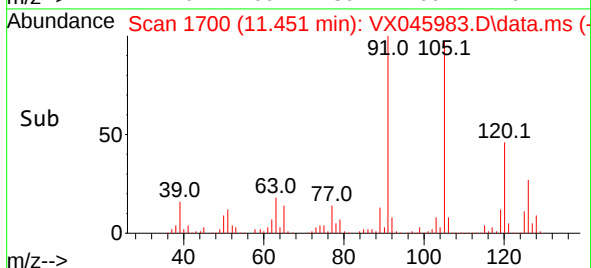
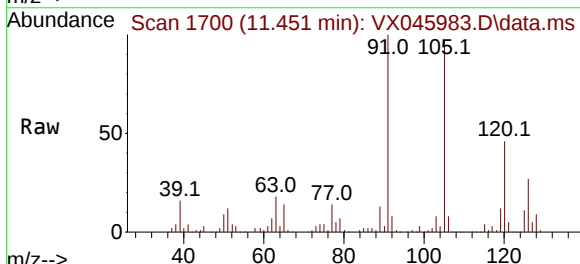
Manual Integrations
APPROVED

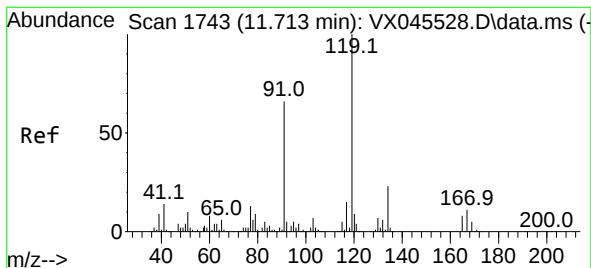
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#82
4-Chlorotoluene
Concen: 55.164 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion: 91 Resp: 221040
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 55.158 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 220380

Ion Ratio Lower Upper

119 100

91 65.9 32.4 97.2

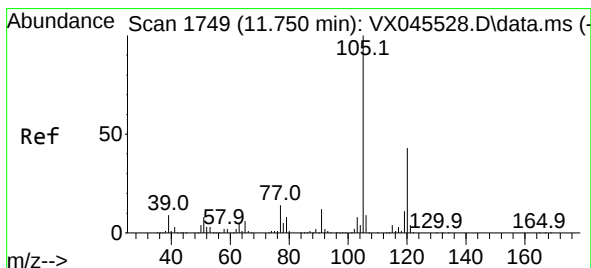
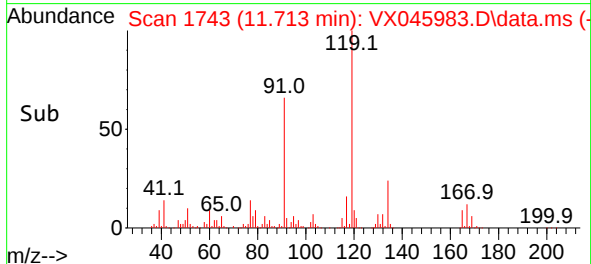
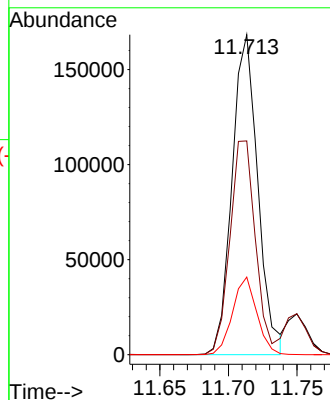
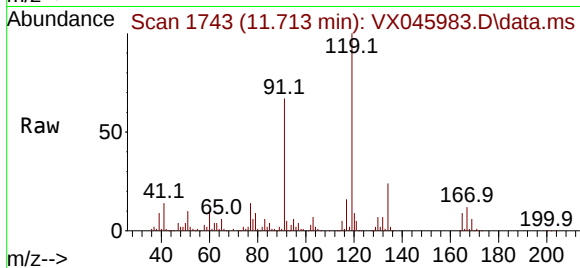
134 22.9 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 56.147 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045983.D

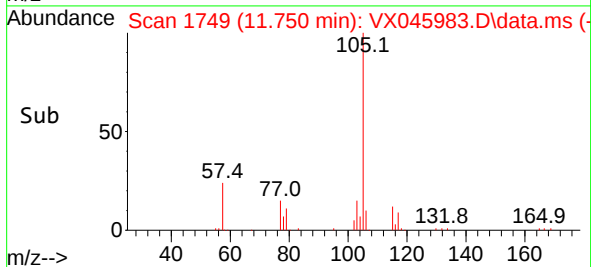
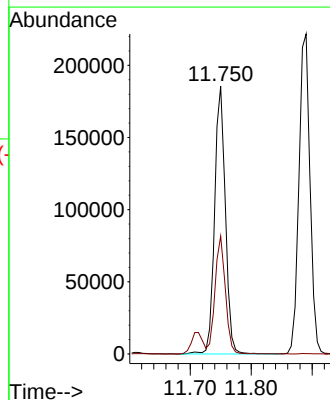
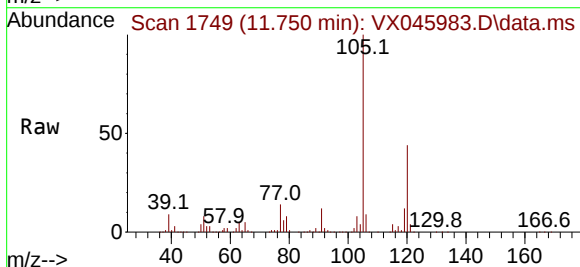
Acq: 29 Apr 2025 16:15

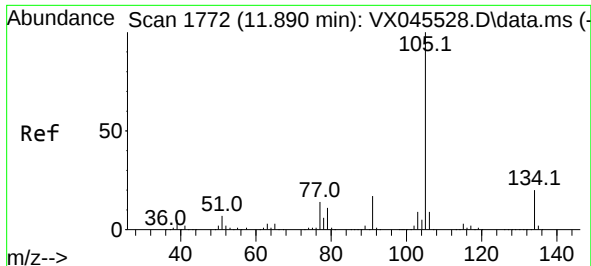
Tgt Ion:105 Resp: 227431

Ion Ratio Lower Upper

105 100

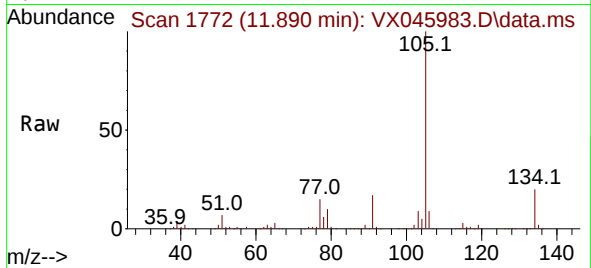
120 42.4 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 57.125 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15

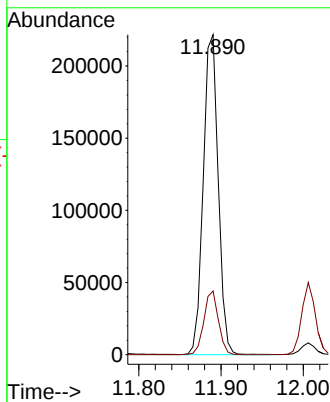
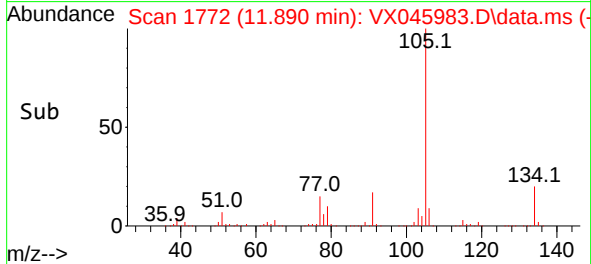
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



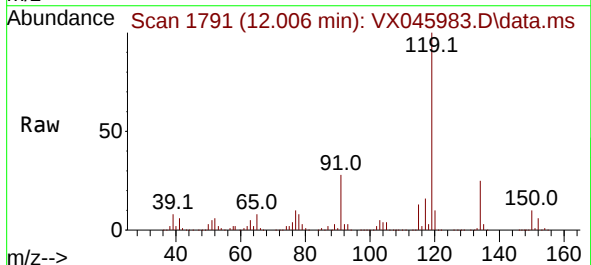
Tgt Ion:105 Resp: 28034
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

Manual Integrations
 APPROVED

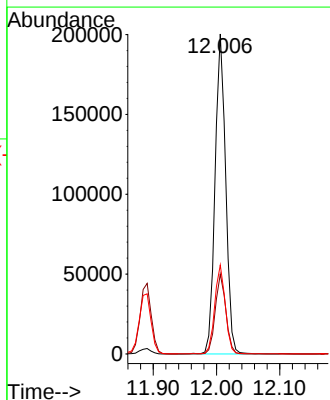
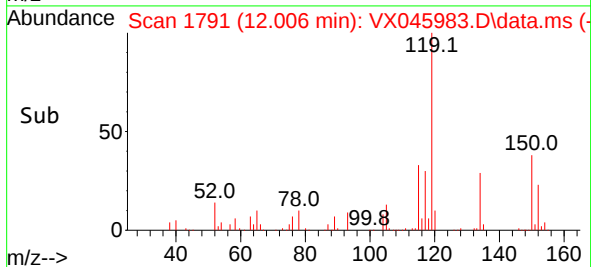
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#86
 p-Isopropyltoluene
 Concen: 57.525 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045983.D
 Acq: 29 Apr 2025 16:15



Tgt Ion:119 Resp: 232742
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.7 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 55.104 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

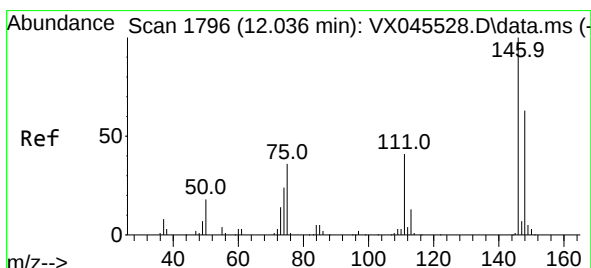
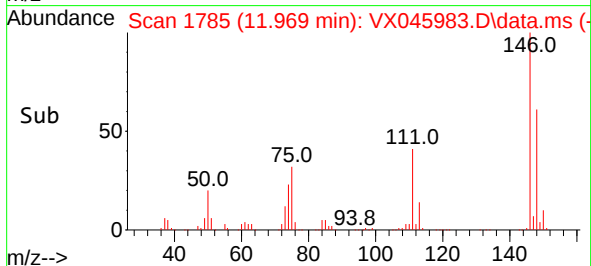
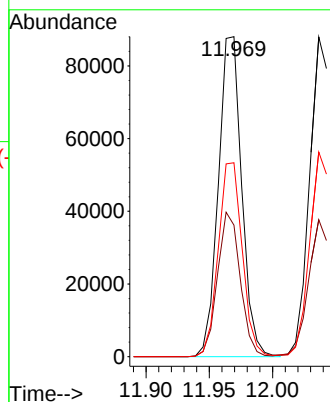
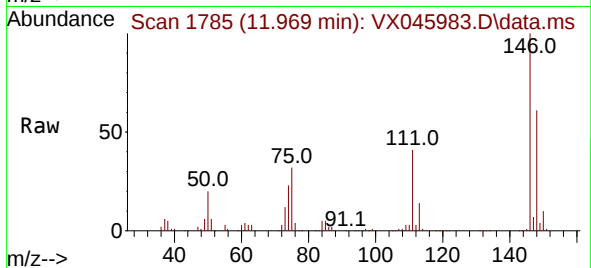
Tgt Ion:146 Resp: 11311
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.2 66.6
 148 62.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#88

1,4-Dichlorobenzene

Concen: 53.508 ug/l

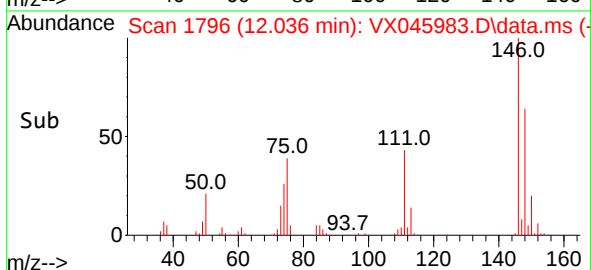
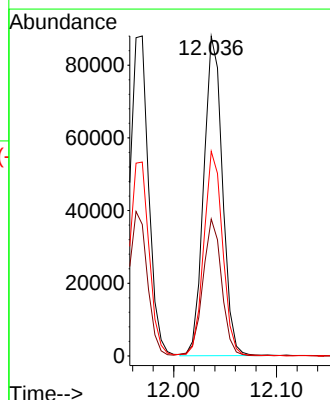
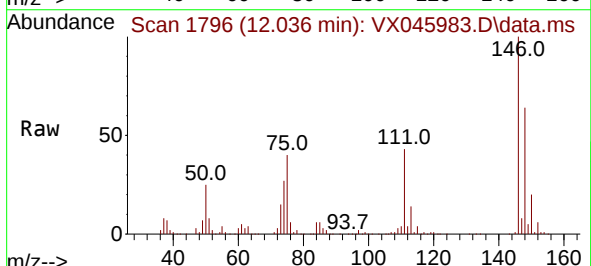
RT: 12.036 min Scan# 1796

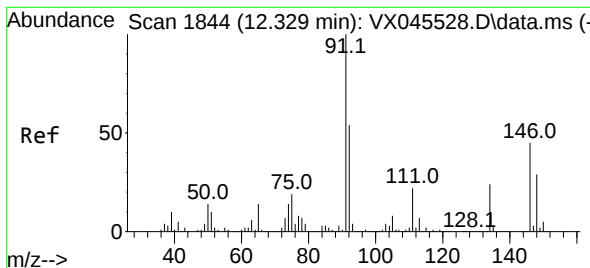
Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Tgt Ion:146 Resp: 111351
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.9 62.8
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 60.650 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 21278

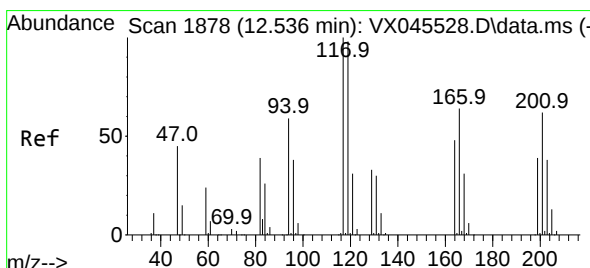
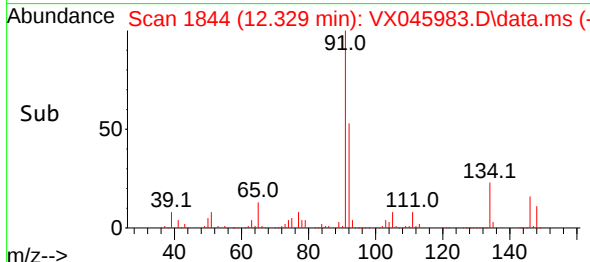
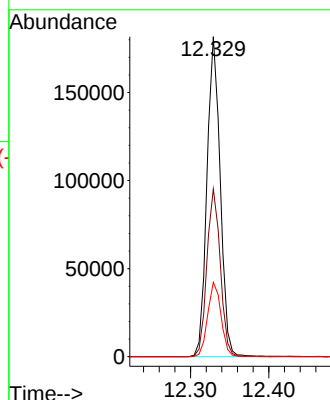
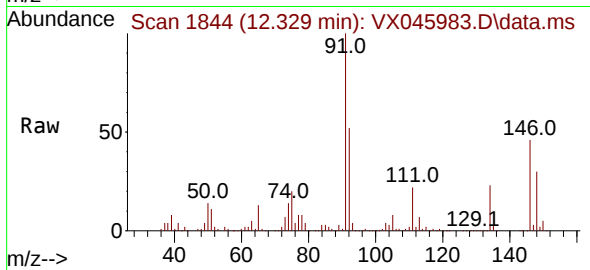
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.6
134	23.5	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#90

Hexachloroethane

Concen: 58.781 ug/l

RT: 12.536 min Scan# 1878

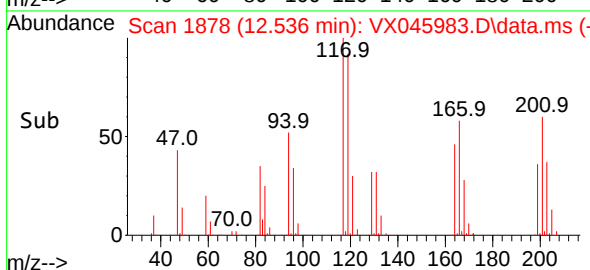
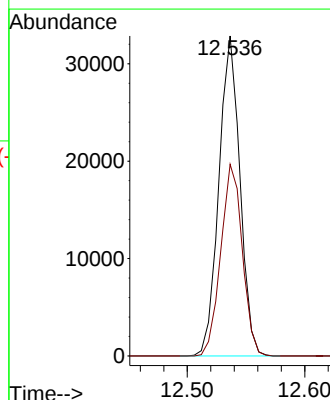
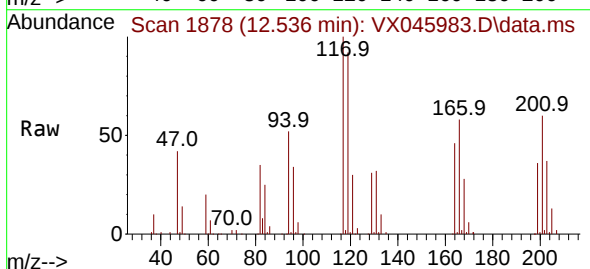
Delta R.T. 0.000 min

Lab File: VX045983.D

Acq: 29 Apr 2025 16:15

Tgt Ion:117 Resp: 40872

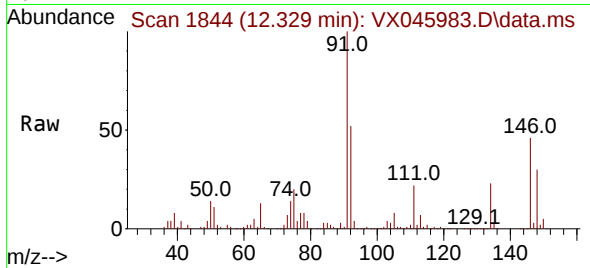
Ion	Ratio	Lower	Upper
117	100		
201	61.4	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 54.734 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

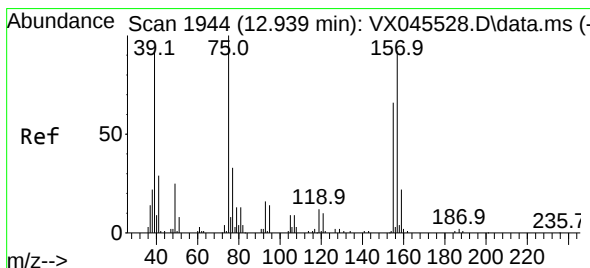
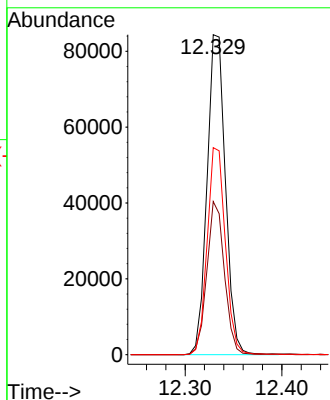
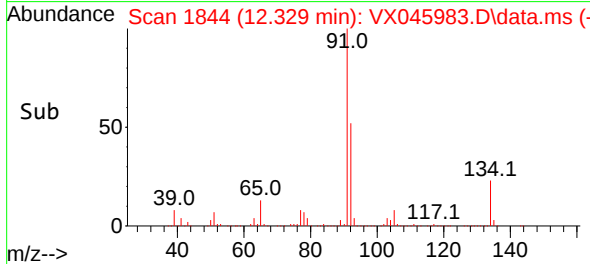
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 11170
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 64.1 31.9 95.5

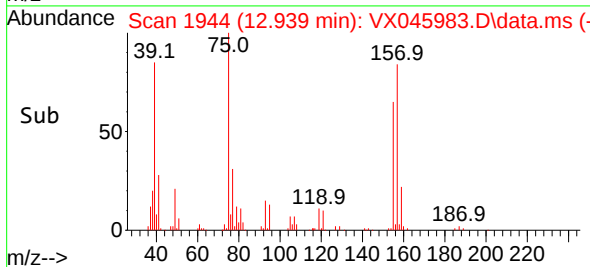
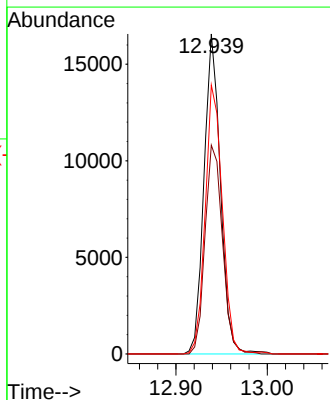
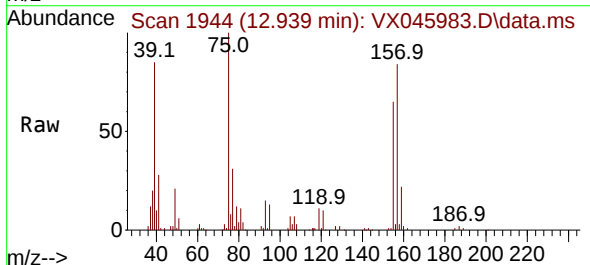
Manual Integrations
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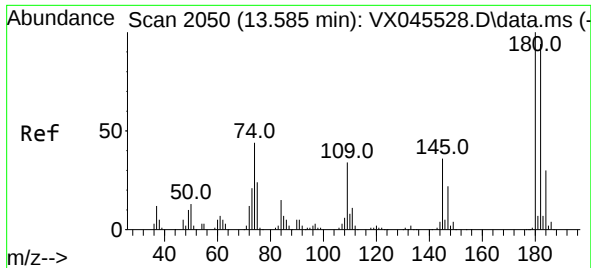
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.642 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

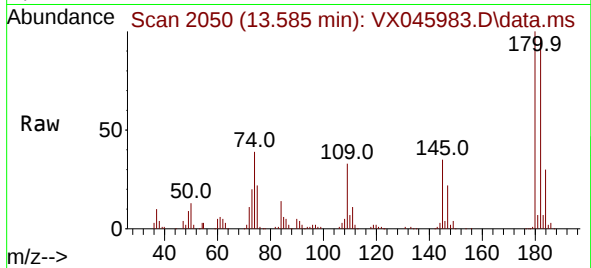
Tgt Ion: 75 Resp: 20668
Ion Ratio Lower Upper
75 100
155 69.0 34.9 104.7
157 87.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.282 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

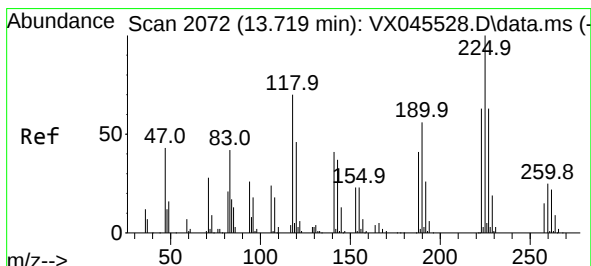
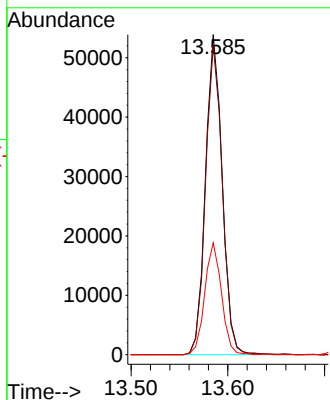
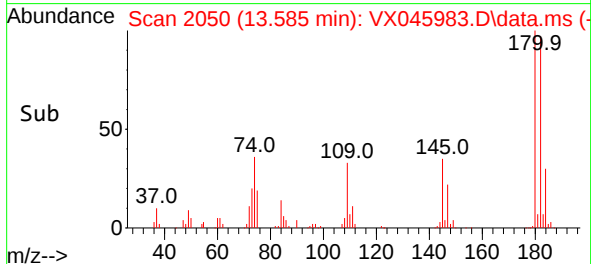
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



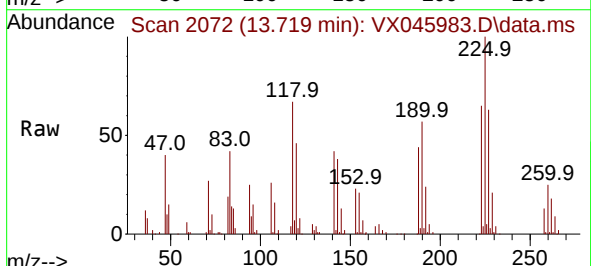
Tgt Ion:180 Resp: 65072
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.6
145 35.0 17.9 53.8

Manual Integrations
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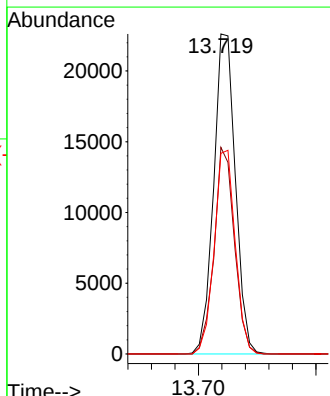
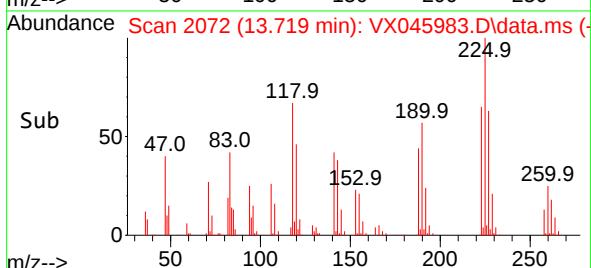
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

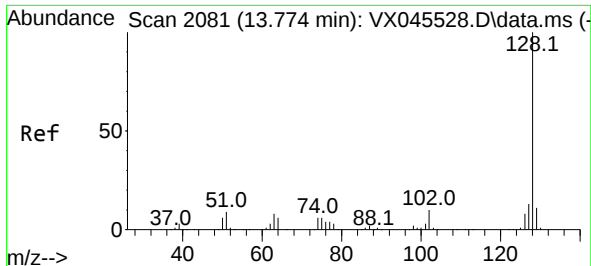


#94
Hexachlorobutadiene
Concen: 59.310 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15



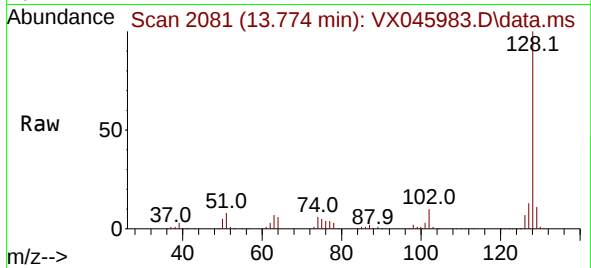
Tgt Ion:225 Resp: 29033
Ion Ratio Lower Upper
225 100
223 60.6 31.1 93.3
227 61.7 32.2 96.6





#95
Naphthalene
Concen: 55.269 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

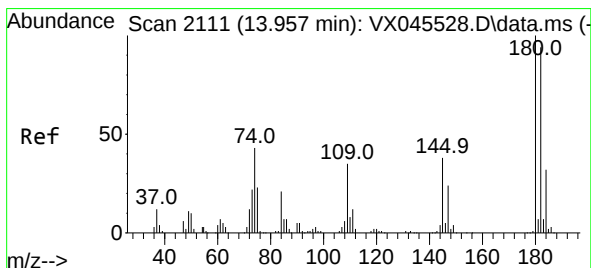
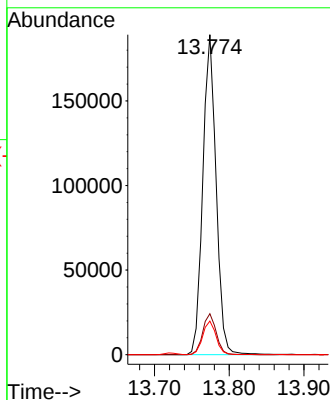
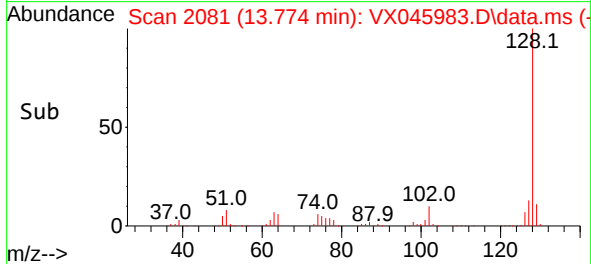
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 233649
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.023 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045983.D
Acq: 29 Apr 2025 16:15

Tgt Ion:180 Resp: 66640
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 36.9 18.2 54.6

