

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042877.D
 Acq On : 06 Aug 2024 18:18
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 07 02:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	4081	1.387	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.780%#
35) Dibromofluoromethane	5.391	113	2546	1.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.080%#
50) Toluene-d8	8.653	98	8632	0.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.000%#
62) 4-Bromofluorobenzene	11.085	95	2995	0.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.920%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	2235	0.967	ug/l	84
3) Chloromethane	1.300	50	2895	1.150	ug/l	89
4) Vinyl Chloride	1.374	62	2244	0.940	ug/l	92
5) Bromomethane	1.599	94	2509	1.736	ug/l	# 78
6) Chloroethane	1.666	64	1637	1.203	ug/l	97
7) Trichlorofluoromethane	1.873	101	4356	1.173	ug/l	98
8) Diethyl Ether	2.136	74	1426	1.044	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	2447	1.048	ug/l	91
10) Methyl Iodide	2.440	142	1966	0.814	ug/l	98
11) Tert butyl alcohol	2.989	59	2907	4.967	ug/l	# 82
12) 1,1-Dichloroethene	2.312	96	2396	1.014	ug/l	85
13) Acrolein	2.245	56	3312	5.741	ug/l	98
14) Allyl chloride	2.666	41	3832	1.073	ug/l	92
15) Acrylonitrile	3.081	53	7726	5.172	ug/l	95
16) Acetone	2.392	43	7573	5.933	ug/l	98
17) Carbon Disulfide	2.508	76	6229	1.083	ug/l	# 93
18) Methyl Acetate	2.715	43	4698	1.161	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	7919	0.996	ug/l	92
20) Methylene Chloride	2.788	84	4515	0.801	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	2355	0.991	ug/l	# 81
22) Diisopropyl ether	3.776	45	7793	0.994	ug/l	# 76
23) Vinyl Acetate	3.733	43	40319	4.530	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4627	1.026	ug/l	# 91
25) 2-Butanone	4.593	43	9633	4.806	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2857	1.030	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	2508	0.890	ug/l	93
28) Bromochloromethane	4.910	49	1987	1.148	ug/l	# 92
29) Tetrahydrofuran	5.038	42	6915	5.106	ug/l	96
30) Chloroform	5.092	83	4777	1.012	ug/l	# 82
31) Cyclohexane	5.476	56	3519	0.956	ug/l	85
32) 1,1,1-Trichloroethane	5.373	97	3934	0.946	ug/l	# 50
36) 1,1-Dichloropropene	5.696	75	3544	1.071	ug/l	99
37) Ethyl Acetate	4.757	43	4497	1.086	ug/l	# 81
38) Carbon Tetrachloride	5.665	117	3972	1.063	ug/l	# 65
39) Methylcyclohexane	7.379	83	3431	0.872	ug/l	88
40) Benzene	6.037	78	9845	0.958	ug/l	91

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Quant Time: Aug 07 02:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	1801	0.844	ug/l #	72
42) 1,2-Dichloroethane	6.092	62	3732	0.999	ug/l	86
43) Isopropyl Acetate	6.360	43	5598	0.914	ug/l #	93
44) Trichloroethene	7.129	130	2598	1.007	ug/l	87
45) 1,2-Dichloropropane	7.446	63	2685	1.030	ug/l #	76
46) Dibromomethane	7.592	93	1823	0.953	ug/l	89
47) Bromodichloromethane	7.824	83	3150	0.886	ug/l #	89
48) Methyl methacrylate	7.708	41	2454	0.836	ug/l	91
49) 1,4-Dioxane	7.690	88	1035	24.781	ug/l #	71
51) 4-Methyl-2-Pentanone	8.580	43	18476	4.504	ug/l	100
52) Toluene	8.726	92	5465	0.877	ug/l	76
53) t-1,3-Dichloropropene	8.988	75	2586	0.787	ug/l #	84
54) cis-1,3-Dichloropropene	8.372	75	2931	0.808	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	2332	0.921	ug/l #	86
56) Ethyl methacrylate	9.128	69	3417	0.838	ug/l	90
57) 1,3-Dichloropropane	9.317	76	3850	0.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	7742	4.030	ug/l	97
59) 2-Hexanone	9.439	43	14557	4.579	ug/l	90
60) Dibromochloromethane	9.525	129	2482	0.892	ug/l	99
61) 1,2-Dibromoethane	9.616	107	2439	0.911	ug/l	98
64) Tetrachloroethene	9.275	164	2255	1.019	ug/l #	80
65) Chlorobenzene	10.079	112	6881	1.019	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	2169	0.932	ug/l #	65
67) Ethyl Benzene	10.195	91	10561	0.930	ug/l	94
68) m/p-Xylenes	10.305	106	7649	1.764	ug/l	95
69) o-Xylene	10.646	106	4214	0.970	ug/l	88
70) Styrene	10.665	104	5602	0.802	ug/l	96
71) Bromoform	10.805	173	1254	1.460	ug/l #	67
73) Isopropylbenzene	10.963	105	9372	0.954	ug/l	99
74) N-amyl acetate	10.847	43	3815	0.863	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3983	1.107	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	3964	1.330	ug/l	93
77) Bromobenzene	11.201	156	2409	0.964	ug/l	87
78) n-propylbenzene	11.305	91	9566	0.877	ug/l	97
79) 2-Chlorotoluene	11.366	91	6935	0.991	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7087	0.871	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	680	0.723	ug/l #	87
82) 4-Chlorotoluene	11.457	91	7368	0.937	ug/l	95
83) tert-Butylbenzene	11.713	119	8017	0.959	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	7129	0.870	ug/l	100
85) sec-Butylbenzene	11.890	105	8121	0.825	ug/l	99
86) p-Isopropyltoluene	12.012	119	6569	0.803	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	4632	1.024	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	4632	0.999	ug/l	95
89) n-Butylbenzene	12.335	91	5887	0.834	ug/l	87
90) Hexachloroethane	12.536	117	1471	0.983	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	4342	0.959	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	791	1.000	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2720	0.985	ug/l	89
94) Hexachlorobutadiene	13.731	225	1072	0.915	ug/l	92
95) Naphthalene	13.780	128	8151	0.853	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2521	0.907	ug/l	94

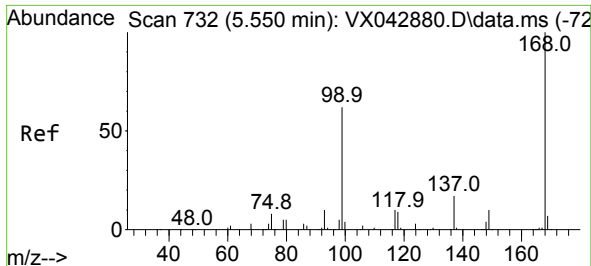
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:27:24 2024
Response via : Initial Calibration

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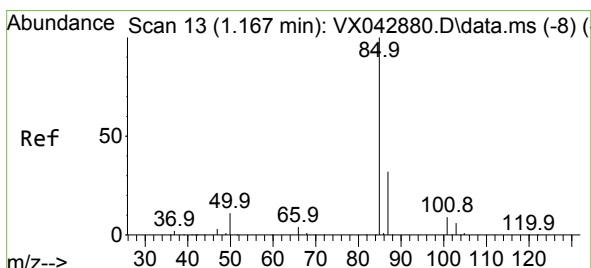
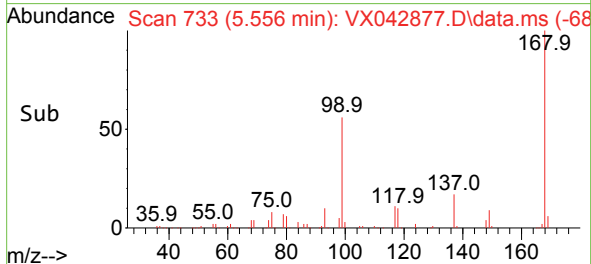
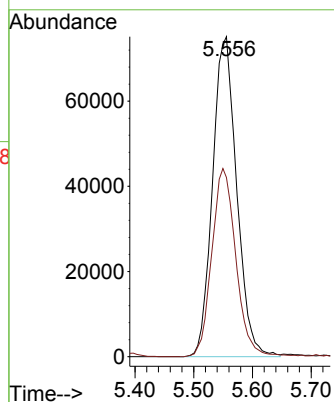
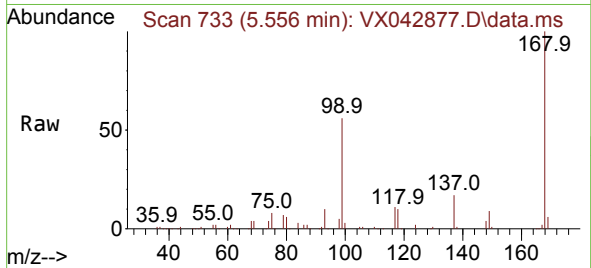
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042877.D
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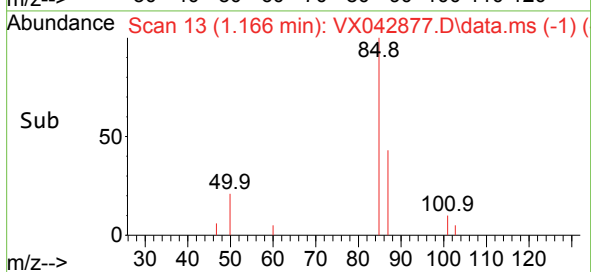
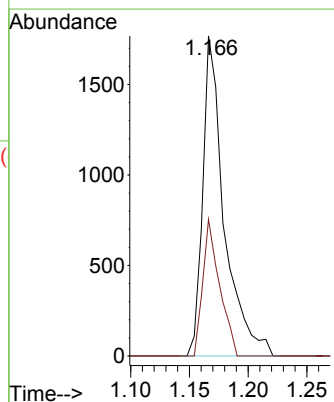
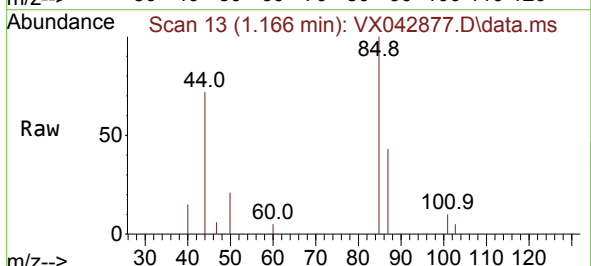
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ClientSampleId :
VSTDIC001

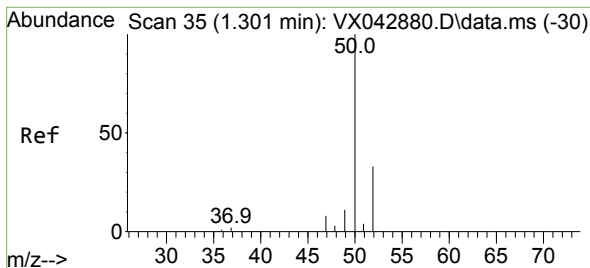
Tgt Ion:168 Resp: 214349
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.967 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 85 Resp: 2235
Ion Ratio Lower Upper
85 100
87 42.7 16.7 50.1





#3

Chloromethane

Concen: 1.150 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

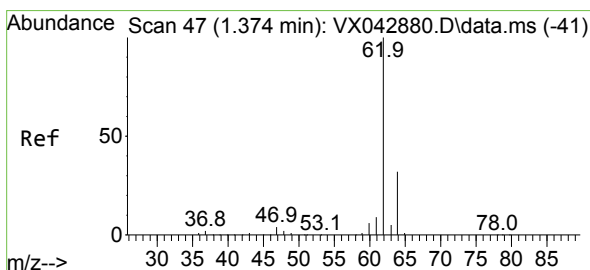
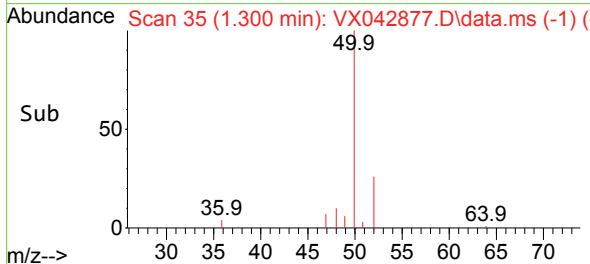
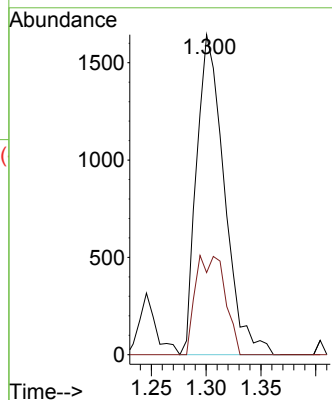
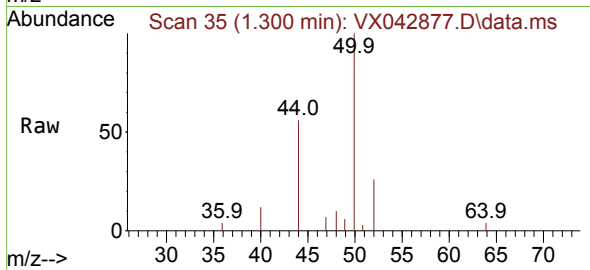
VSTDIC001

Tgt Ion: 50 Resp: 2895

Ion Ratio Lower Upper

50 100

52 25.7 25.5 38.3



#4

Vinyl Chloride

Concen: 0.940 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042877.D

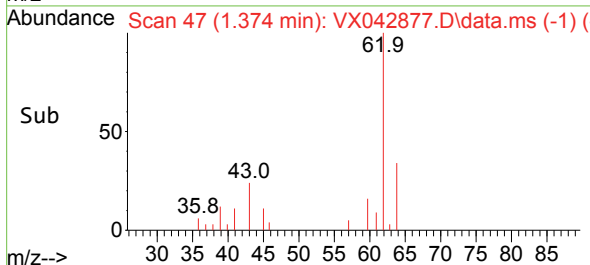
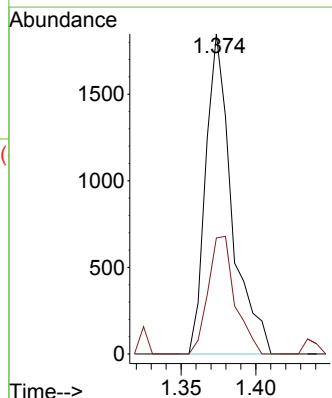
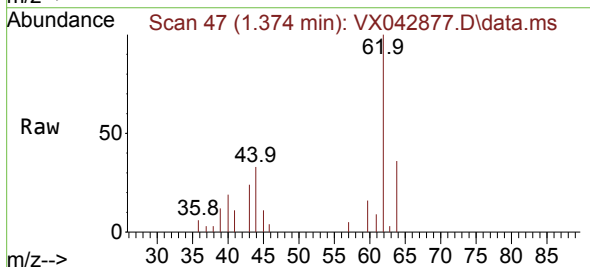
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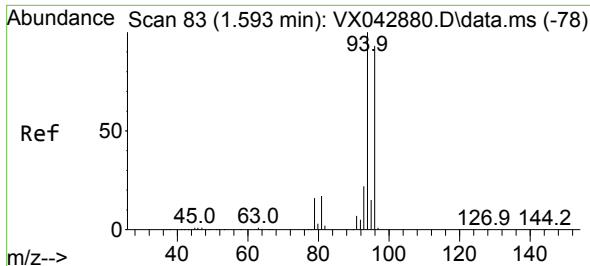
Tgt Ion: 62 Resp: 2244

Ion Ratio Lower Upper

62 100

64 36.3 25.4 38.0

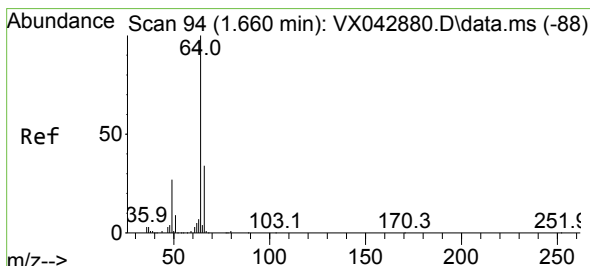
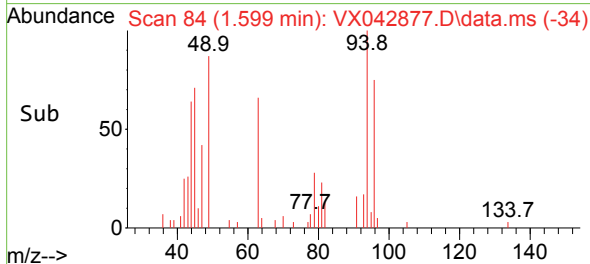
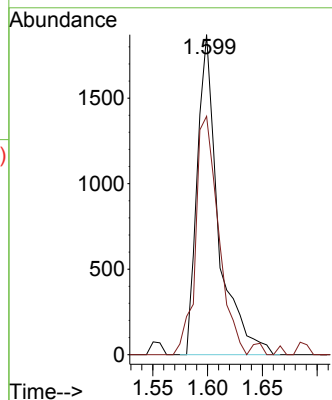
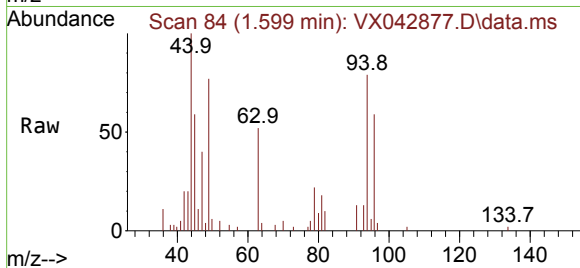




#5
Bromomethane
Concen: 1.736 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

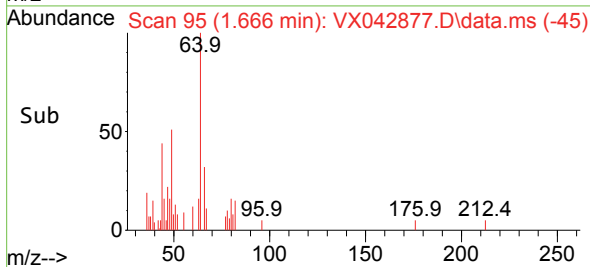
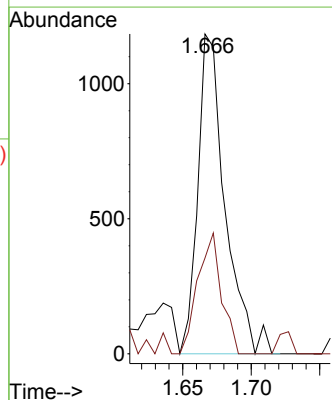
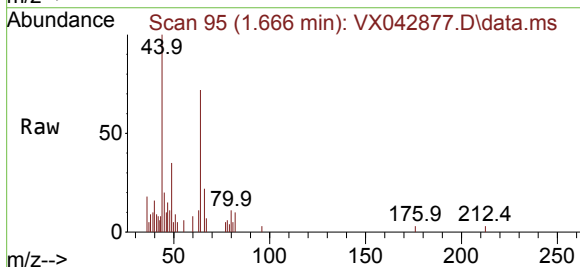
Instrument :
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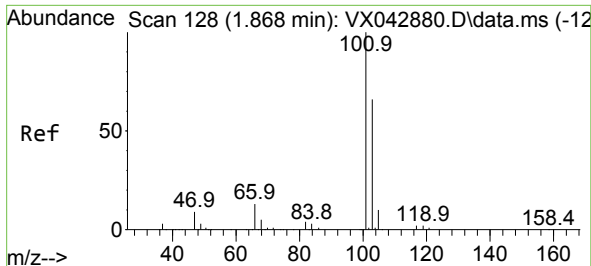
Tgt Ion: 94 Resp: 2509
Ion Ratio Lower Upper
94 100
96 71.7 74.6 111.8#



#6
Chloroethane
Concen: 1.203 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 64 Resp: 1637
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7

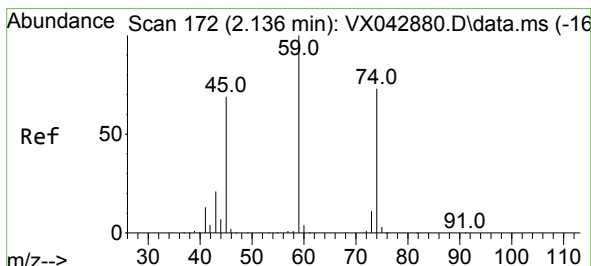
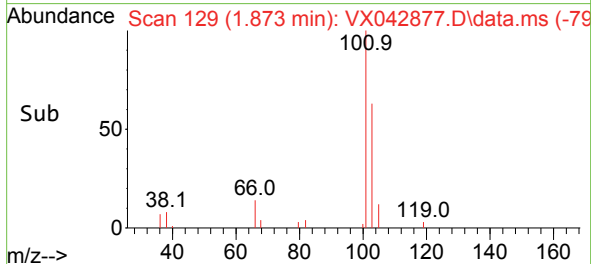
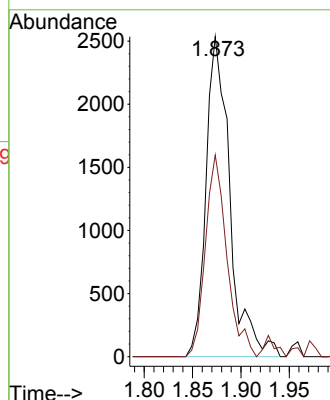
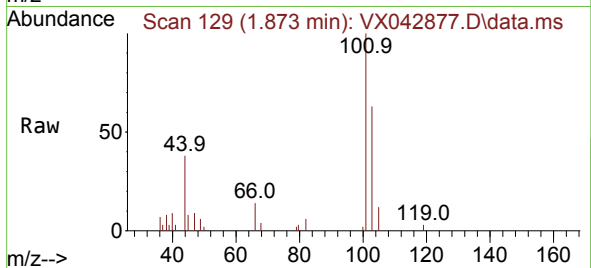




#7
 Trichlorofluoromethane
 Concen: 1.173 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

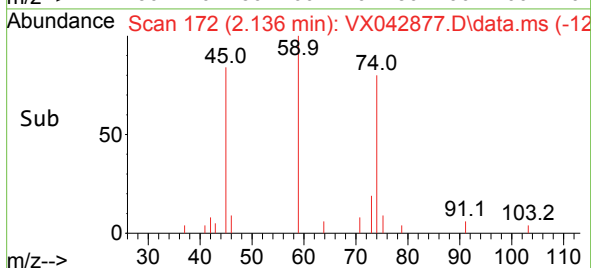
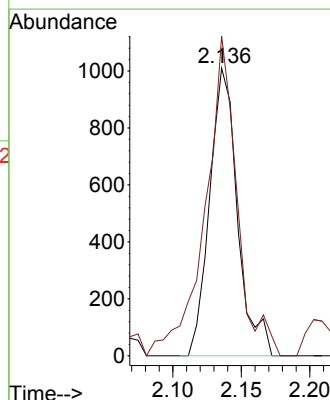
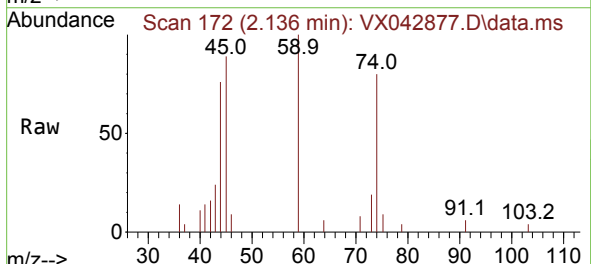
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

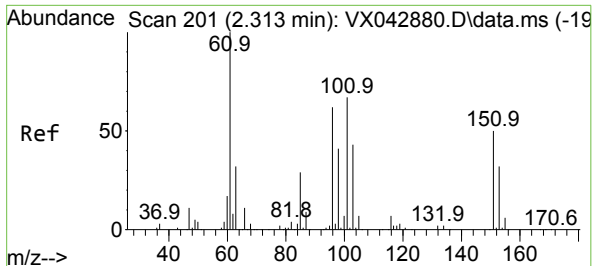
Tgt Ion:101 Resp: 4356
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 1.044 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 74 Resp: 1426
 Ion Ratio Lower Upper
 74 100
 45 126.7 53.3 159.8

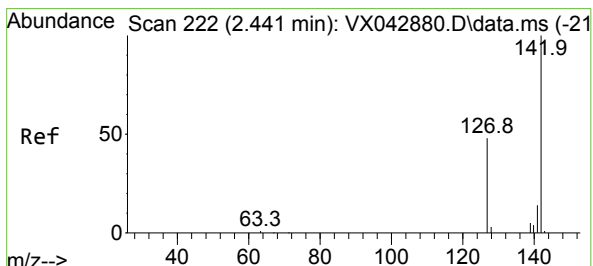
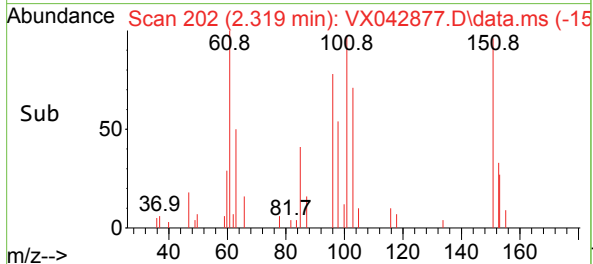
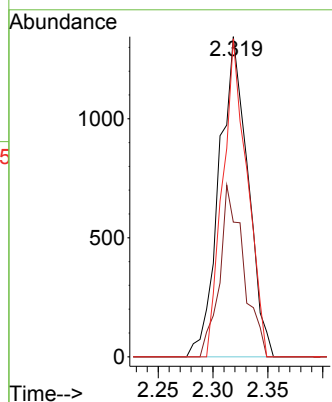
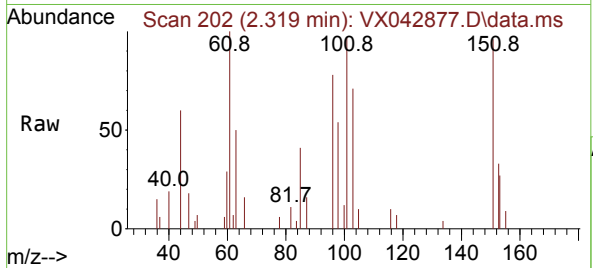




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.048 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042877.D
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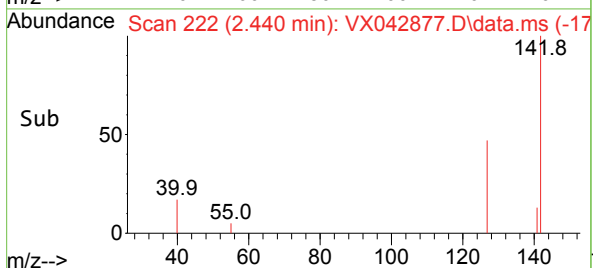
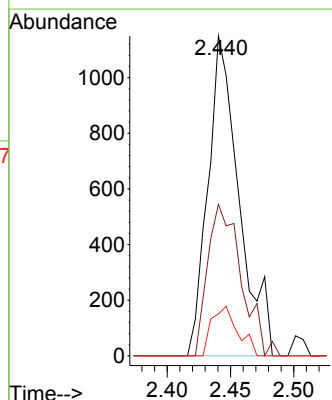
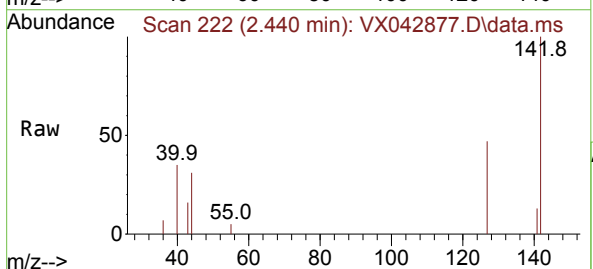
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

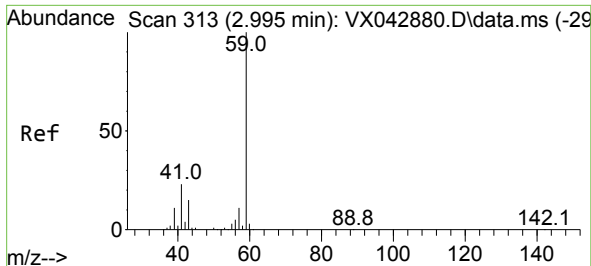
Tgt Ion:101 Resp: 2447
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 84.7 58.6 87.8



#10
Methyl Iodide
Concen: 0.814 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:142 Resp: 1966
Ion Ratio Lower Upper
142 100
127 51.1 41.6 62.4
141 13.0 11.6 17.4

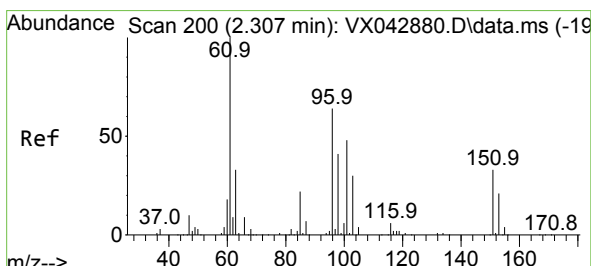
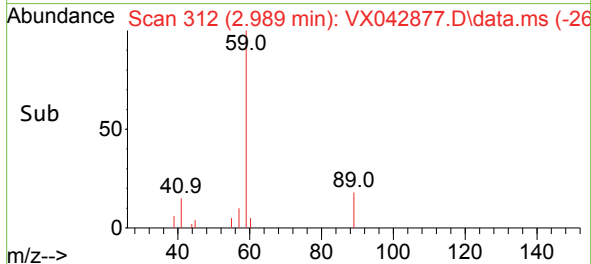
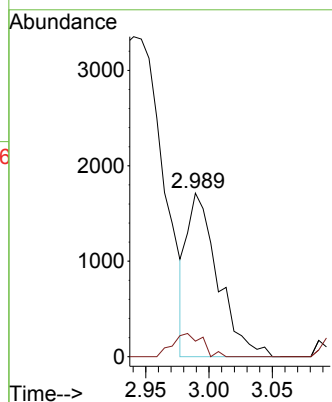
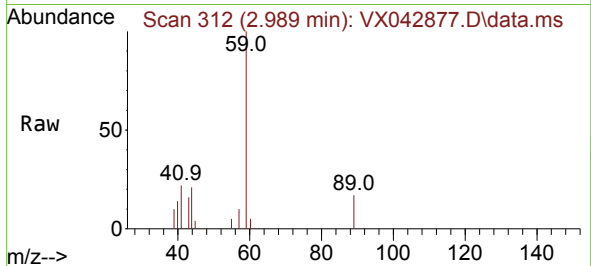




#11
Tert butyl alcohol
Concen: 4.967 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

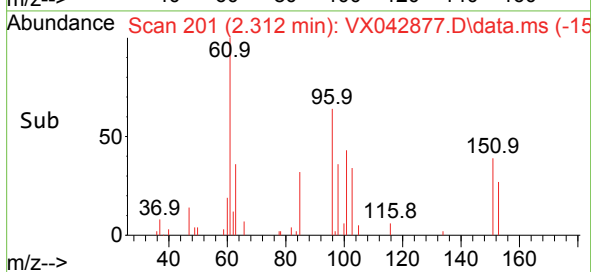
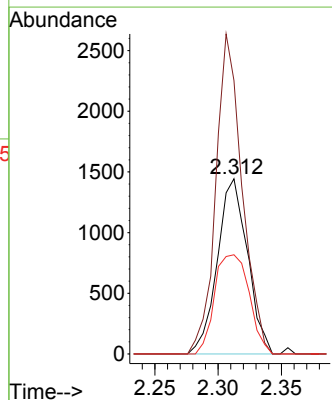
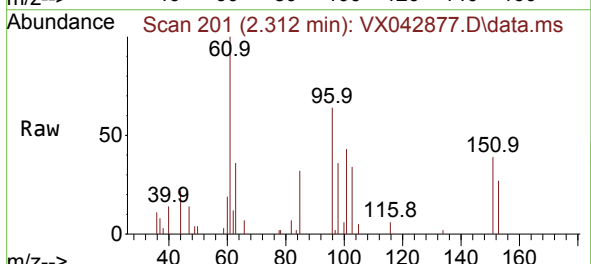
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

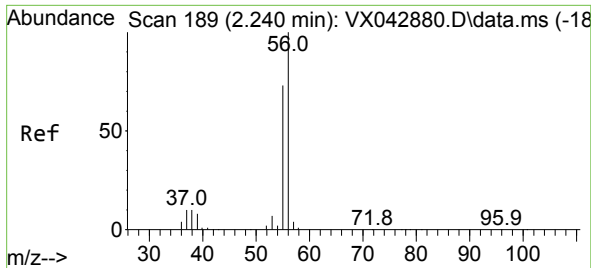
Tgt Ion: 59 Resp: 2907
Ion Ratio Lower Upper
59 100
57 13.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 1.014 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 96 Resp: 2396
Ion Ratio Lower Upper
96 100
61 156.1 144.6 216.8
98 56.6 50.4 75.6





#13

Acrolein

Concen: 5.741 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

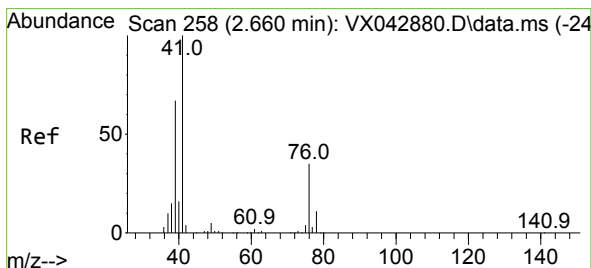
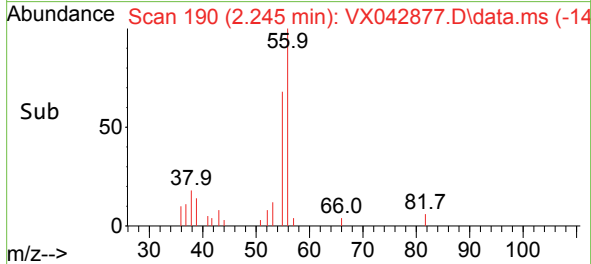
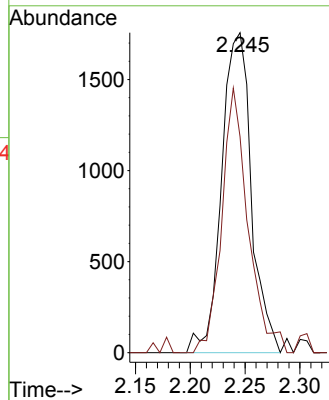
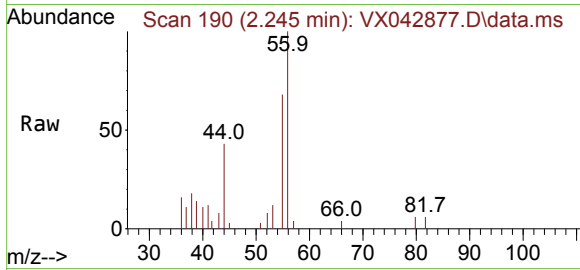
VSTDIC001

Tgt Ion: 56 Resp: 3312

Ion Ratio Lower Upper

56 100

55 73.1 57.1 85.7



#14

Allyl chloride

Concen: 1.073 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

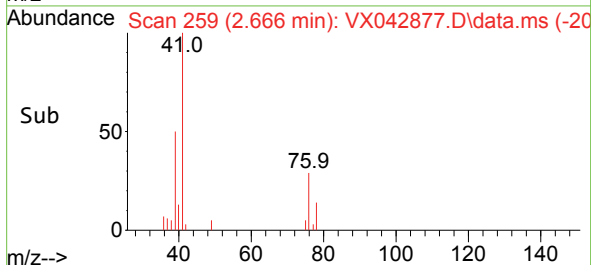
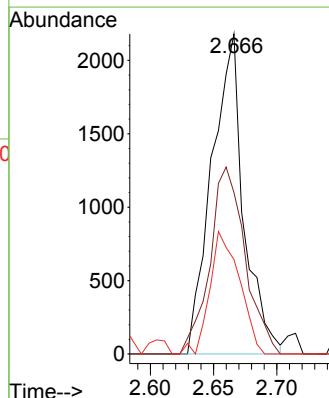
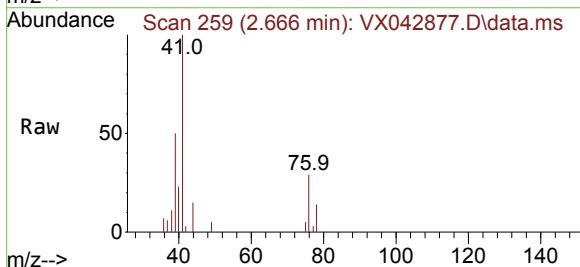
Tgt Ion: 41 Resp: 3832

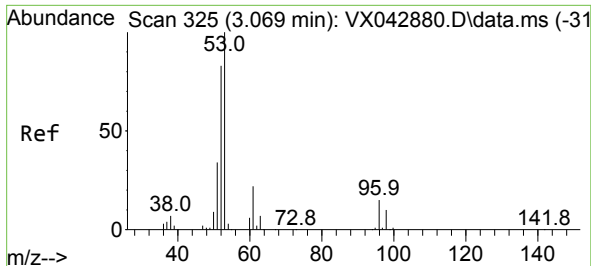
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.6

76 35.7 24.3 36.5

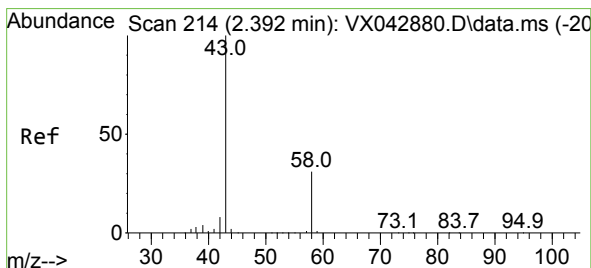
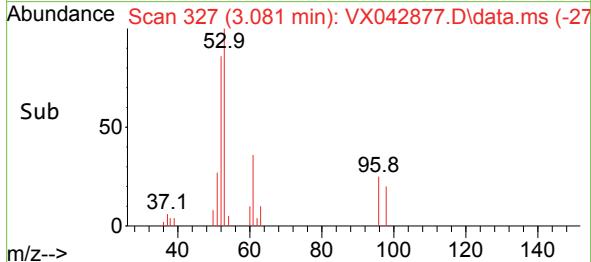
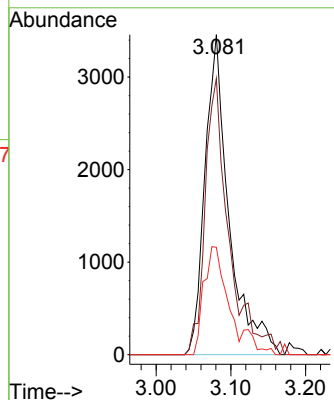
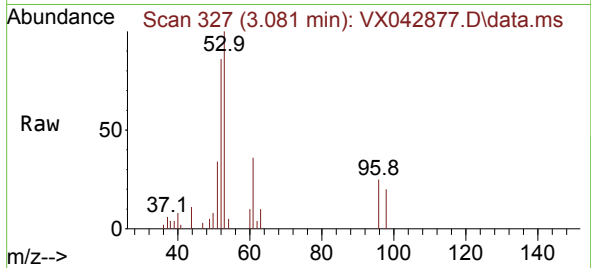




#15
Acrylonitrile
Concen: 5.172 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

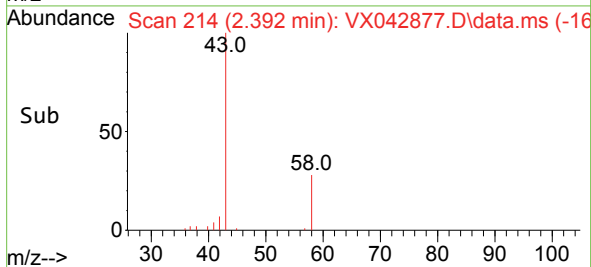
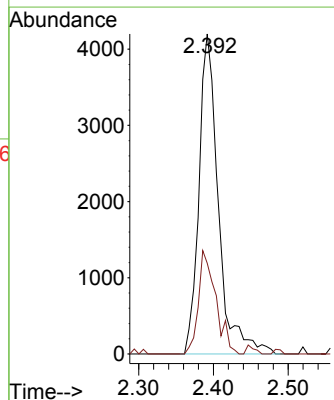
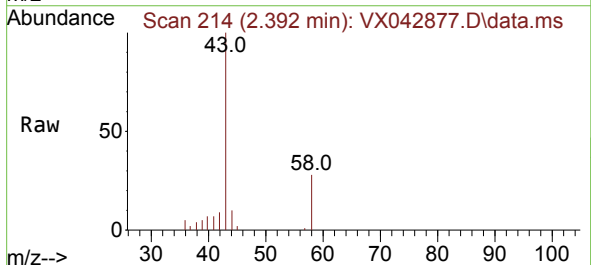
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

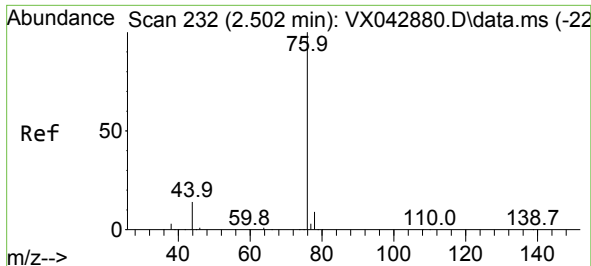
Tgt Ion:	53	Resp:	7726
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.0	99.0
51	31.6	29.8	44.6



#16
Acetone
Concen: 5.933 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:	43	Resp:	7573
Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.9	32.9





#17

Carbon Disulfide

Concen: 1.083 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

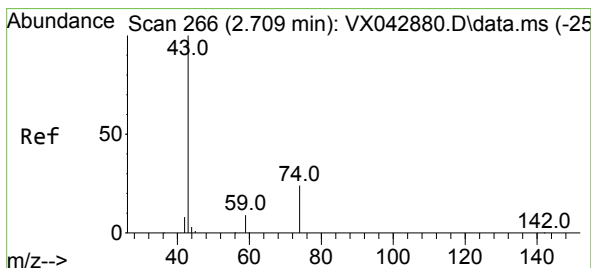
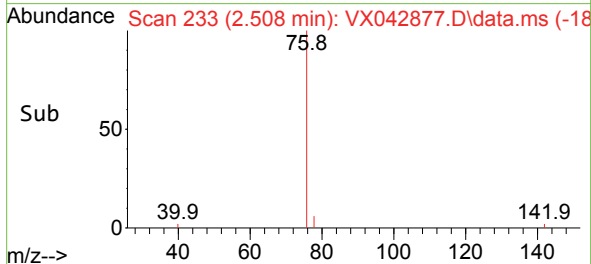
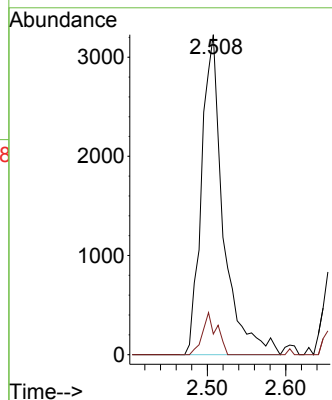
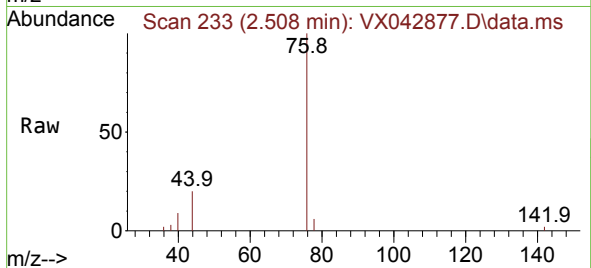
VSTDIC001

Tgt Ion: 76 Resp: 6229

Ion Ratio Lower Upper

76 100

78 6.4 7.0 10.6#



#18

Methyl Acetate

Concen: 1.161 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX042877.D

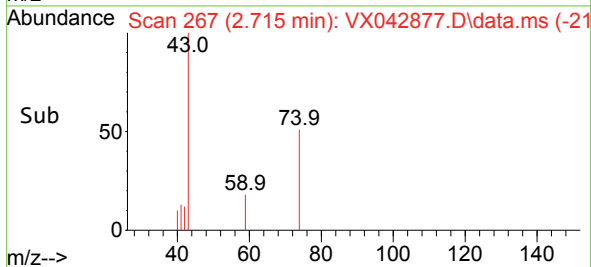
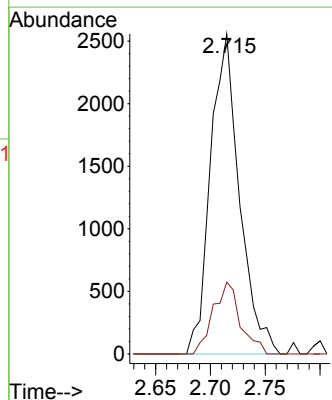
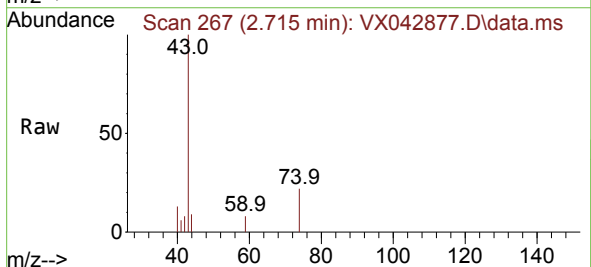
Acq: 06 Aug 2024 18:18

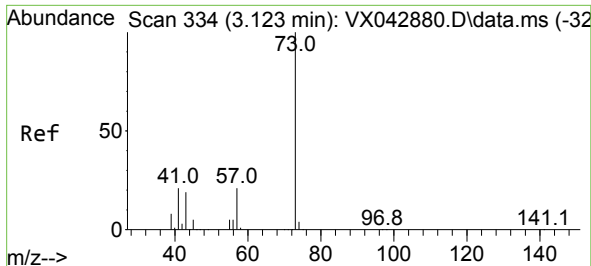
Tgt Ion: 43 Resp: 4698

Ion Ratio Lower Upper

43 100

74 21.0 17.8 26.8

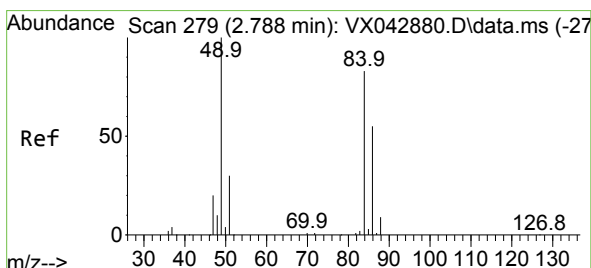
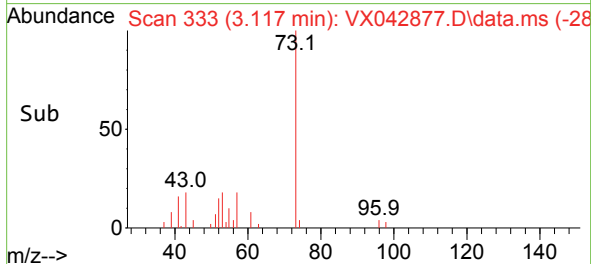
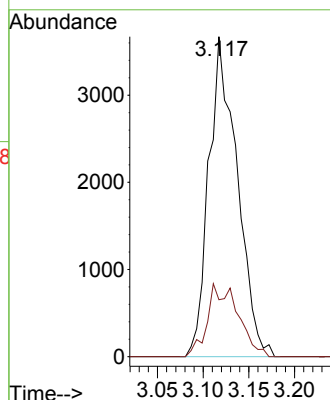
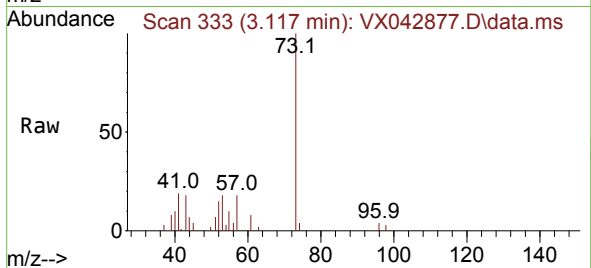




#19
Methyl tert-butyl Ether
Concen: 0.996 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

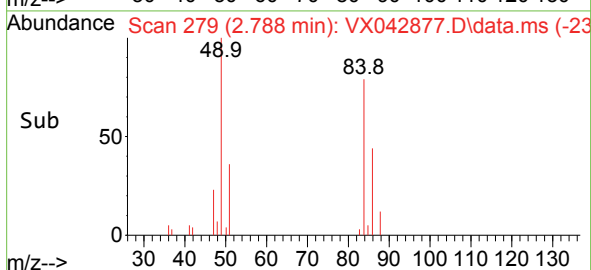
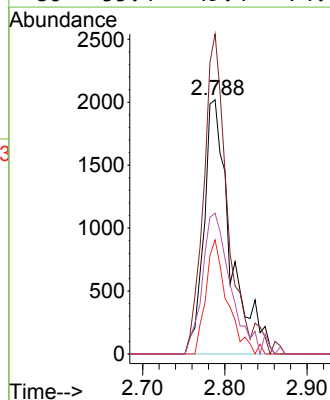
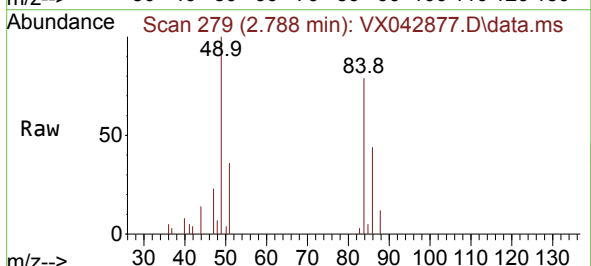
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

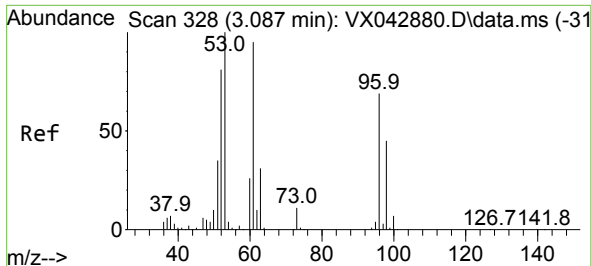
Tgt Ion: 73 Resp: 7919
Ion Ratio Lower Upper
73 100
57 17.8 17.3 25.9



#20
Methylene Chloride
Concen: 0.801 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 84 Resp: 4515
Ion Ratio Lower Upper
84 100
49 125.8 103.6 155.4
51 44.9 33.8 50.6
86 55.4 49.4 74.0

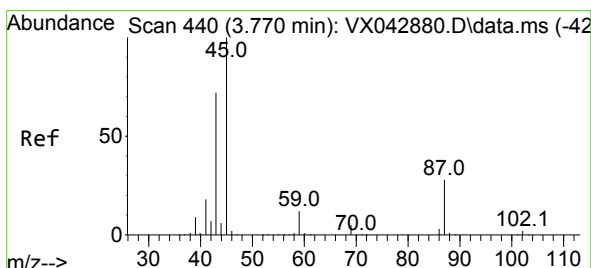
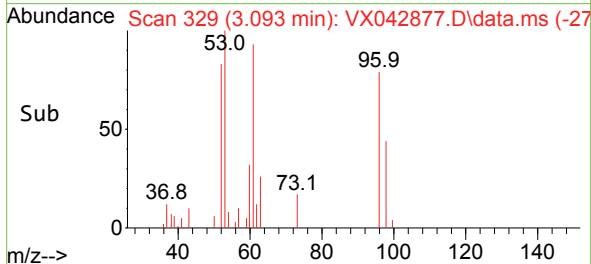
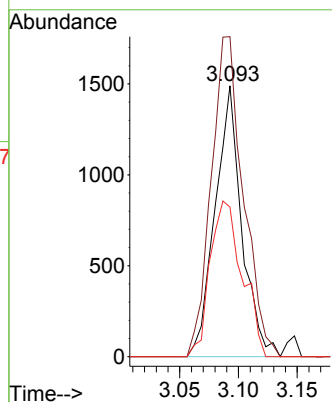
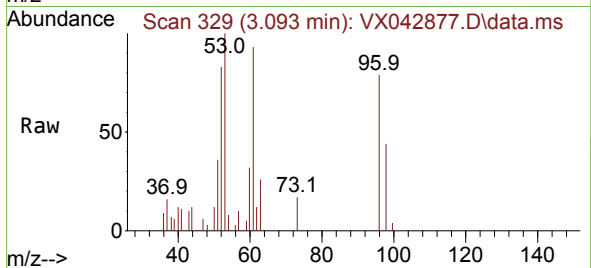




#21
trans-1,2-Dichloroethene
Concen: 0.991 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

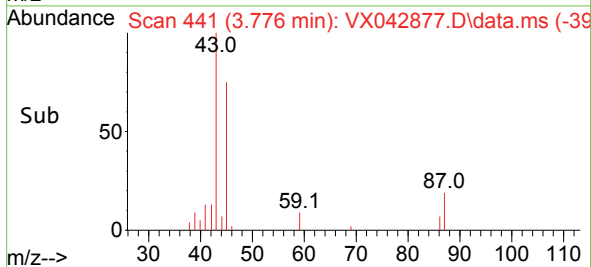
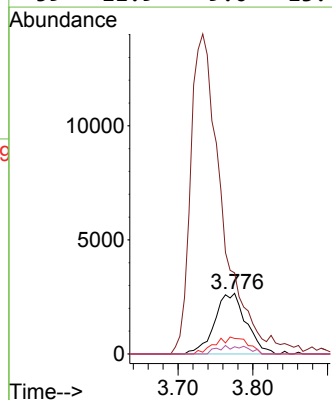
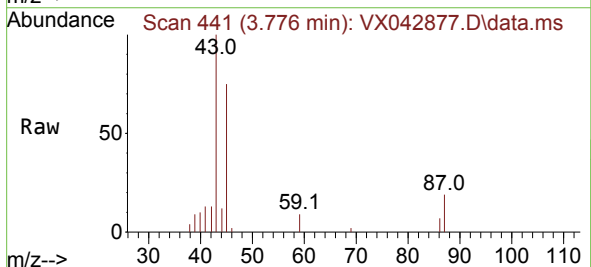
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

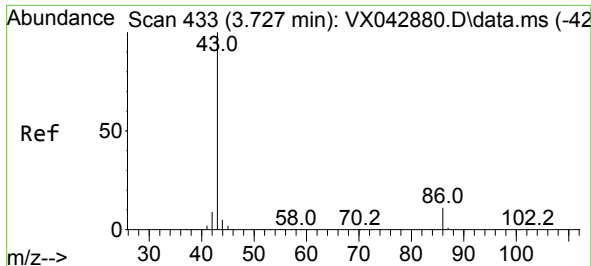
Tgt Ion: 96 Resp: 2355
Ion Ratio Lower Upper
96 100
61 118.1 119.2 178.8#
98 55.2 48.7 73.1



#22
Diisopropyl ether
Concen: 0.994 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 45 Resp: 7793
Ion Ratio Lower Upper
45 100
43 118.2 69.7 104.5#
87 25.6 20.8 31.2
59 11.9 9.0 13.4

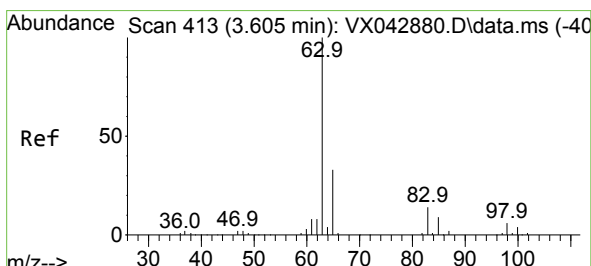
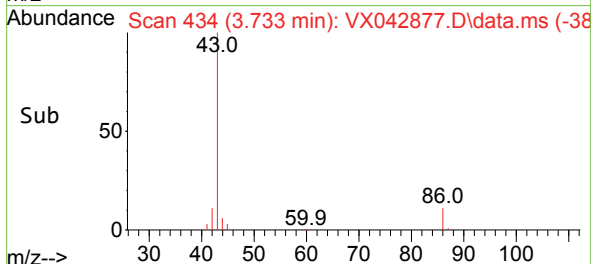
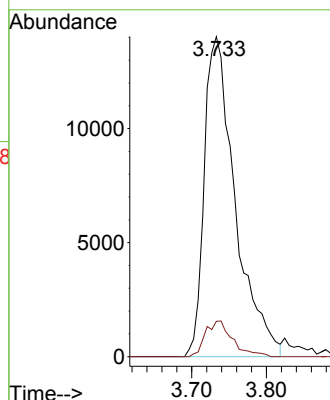
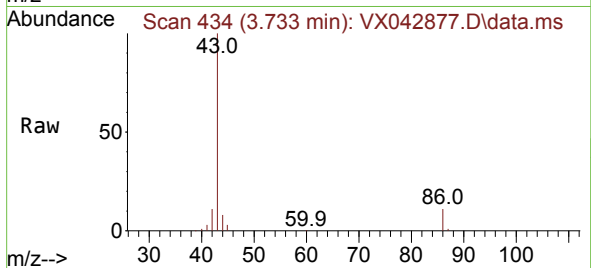




#23
 Vinyl Acetate
 Concen: 4.530 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

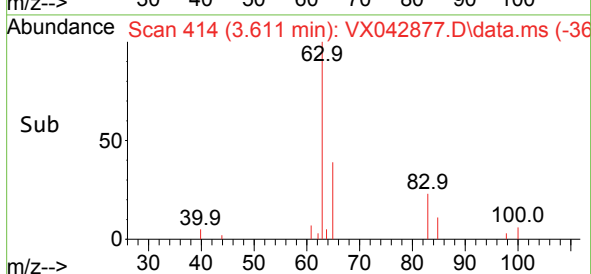
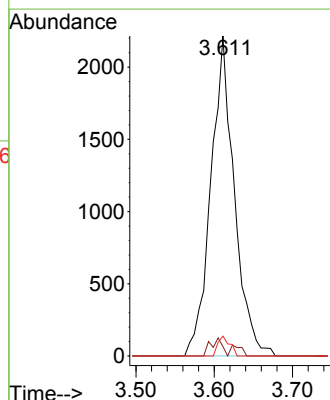
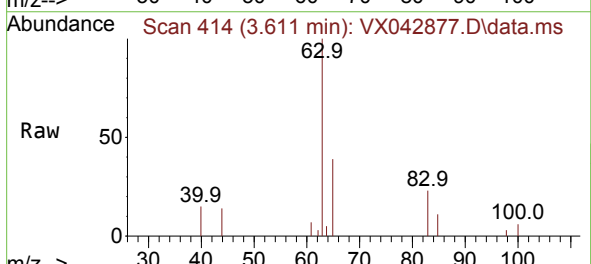
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

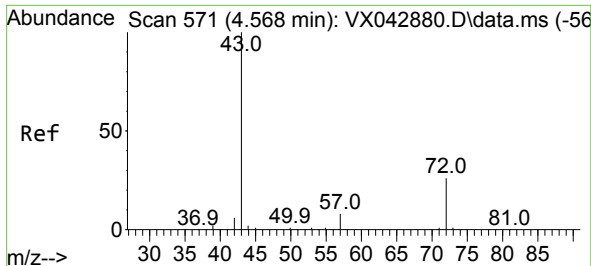
Tgt Ion: 43 Resp: 40319
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 1.026 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 63 Resp: 4627
 Ion Ratio Lower Upper
 63 100
 98 3.0 3.3 9.8#
 100 6.2 2.1 6.5

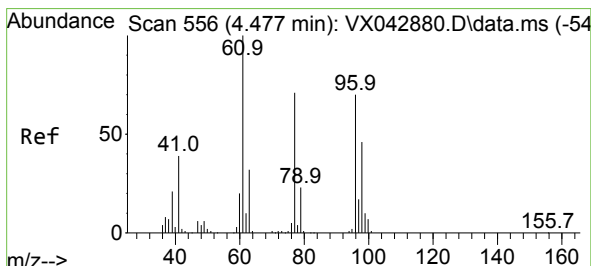
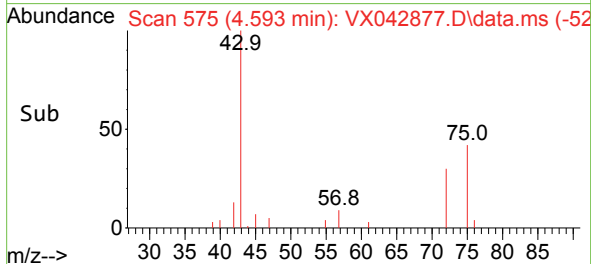
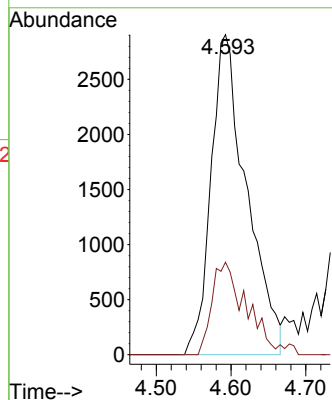
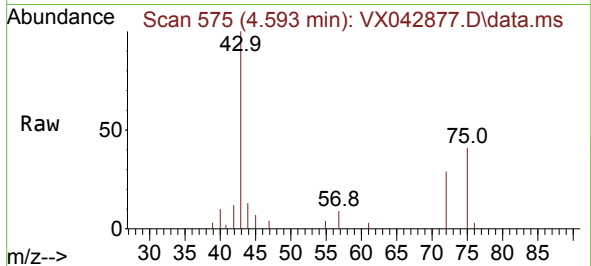




#25
2-Butanone
Concen: 4.806 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

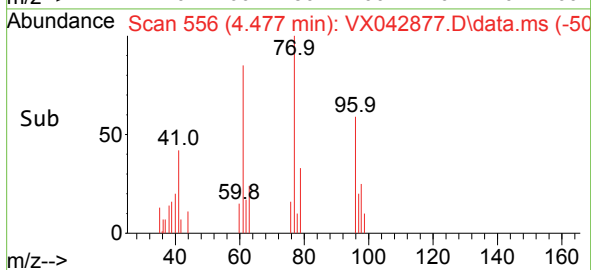
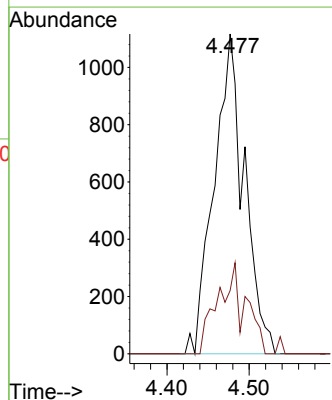
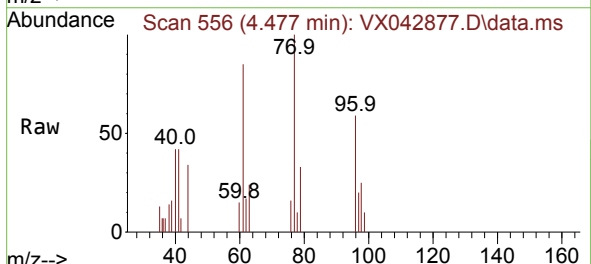
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

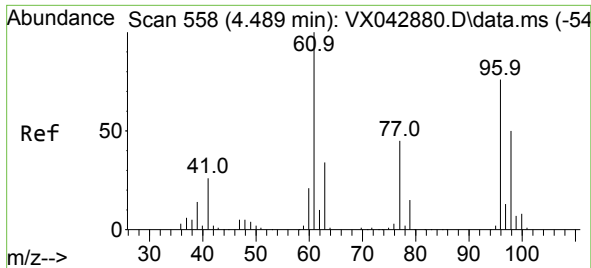
Tgt Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 1.030 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 77 Resp: 2857
Ion Ratio Lower Upper
77 100
97 26.2 10.8 32.3

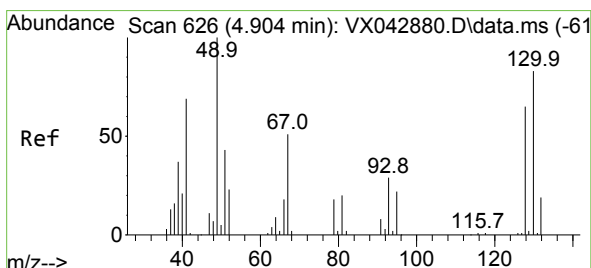
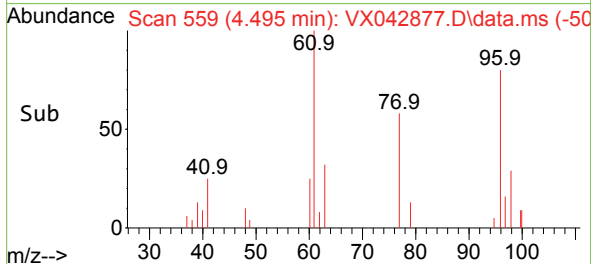
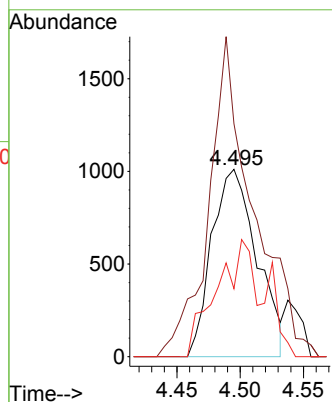
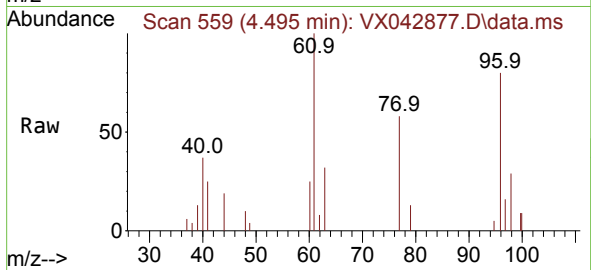




#27
 cis-1,2-Dichloroethene
 Concen: 0.890 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

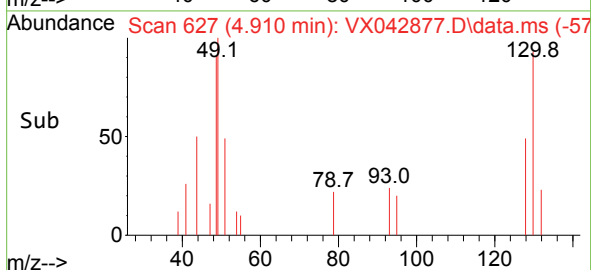
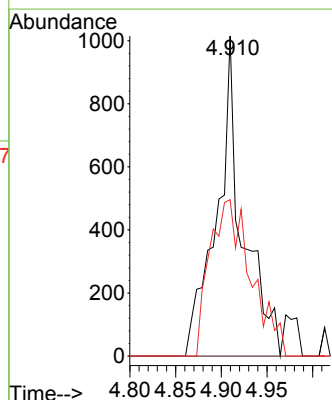
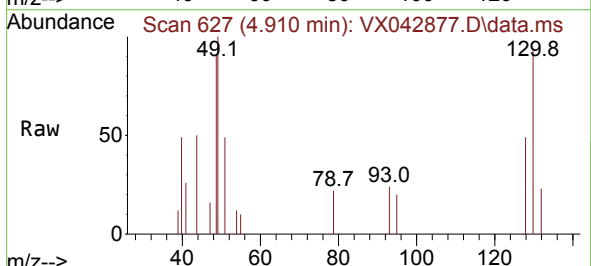
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

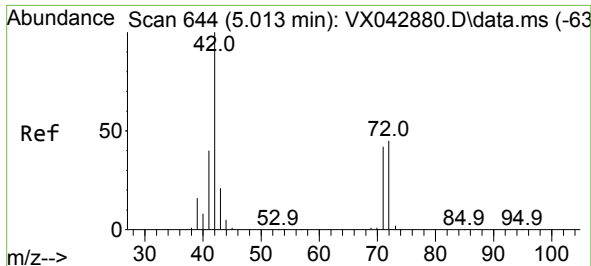
Tgt Ion: 96	Resp: 2508
Ion Ratio	Lower Upper
96	100
61	167.6 0.0 312.2
98	65.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 1.148 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 49	Resp: 1987
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.8
130	78.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 5.106 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

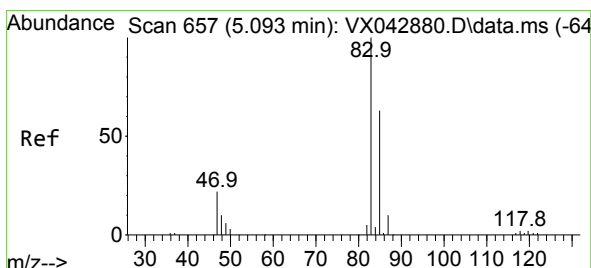
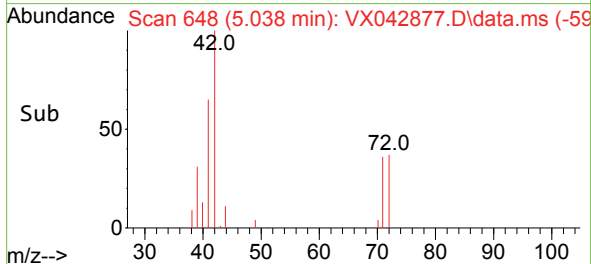
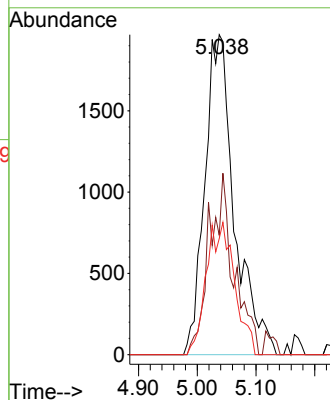
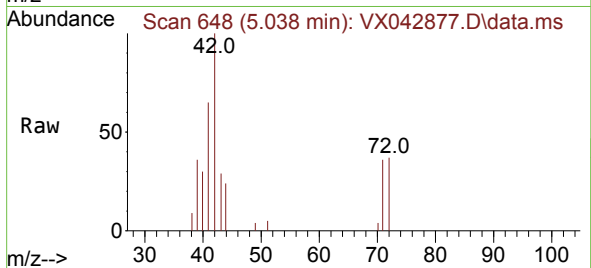
Tgt Ion: 42 Resp: 6915

Ion Ratio Lower Upper

42 100

72 46.8 34.2 51.4

71 39.1 32.2 48.2



#30

Chloroform

Concen: 1.012 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX042877.D

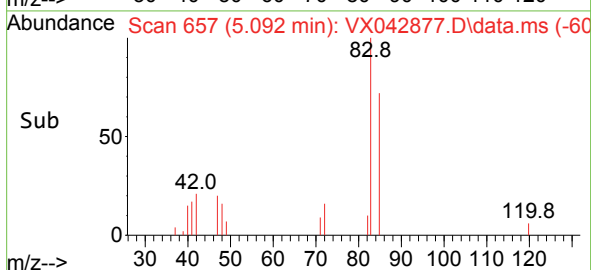
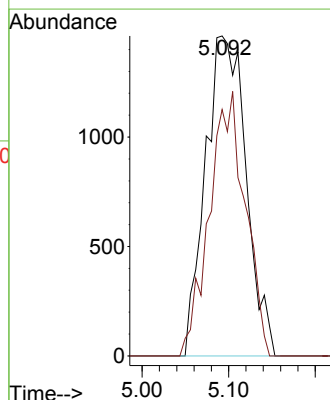
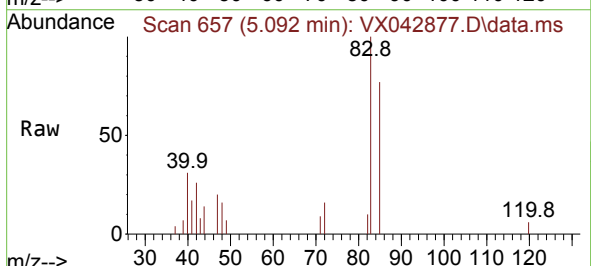
Acq: 06 Aug 2024 18:18

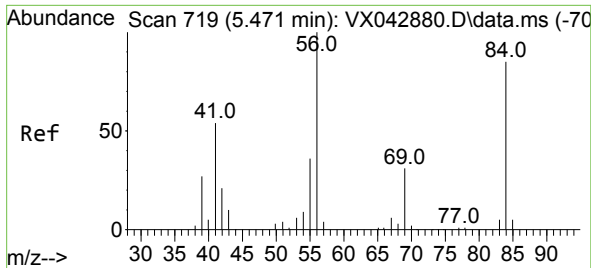
Tgt Ion: 83 Resp: 4777

Ion Ratio Lower Upper

83 100

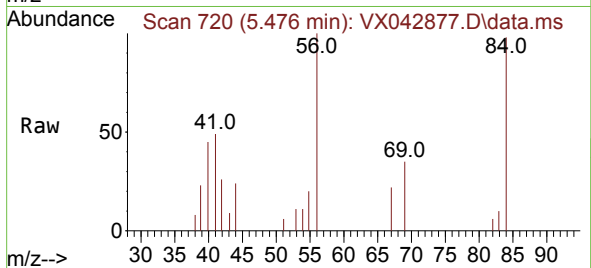
85 77.0 50.3 75.5#



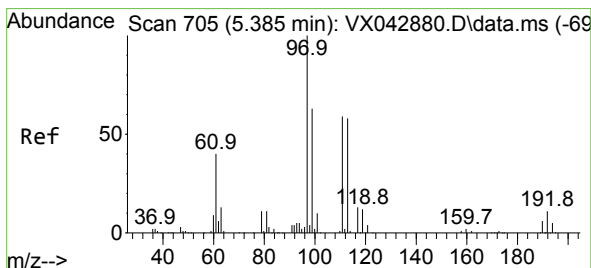
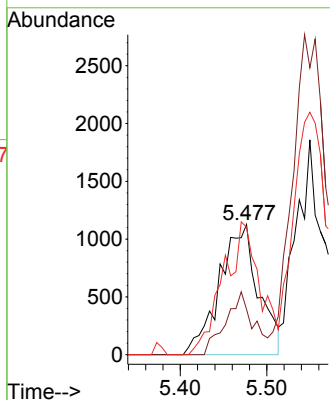
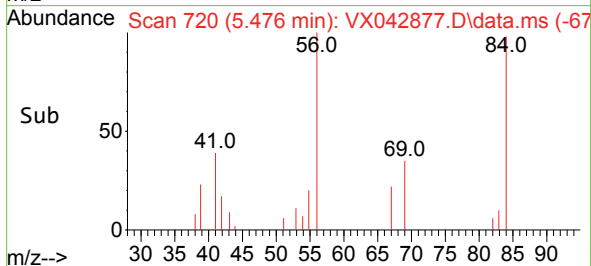


#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

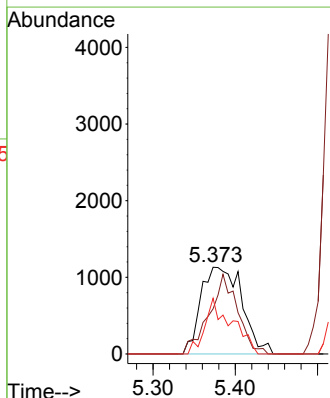
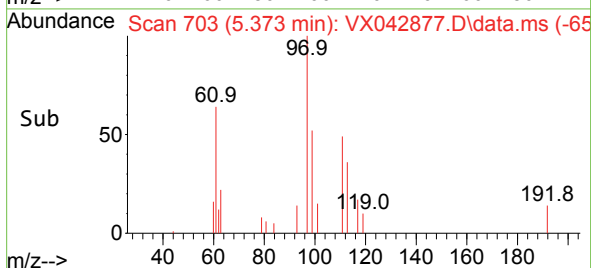
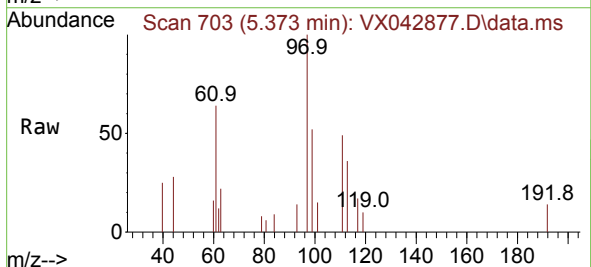


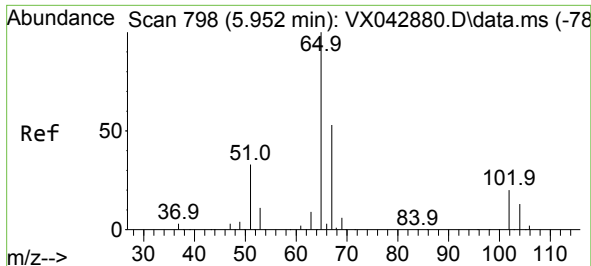
Tgt Ion: 56 Resp: 3519
Ion Ratio Lower Upper
56 100
69 34.9 23.4 35.2
84 97.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.946 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 97 Resp: 3934
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 1.387 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

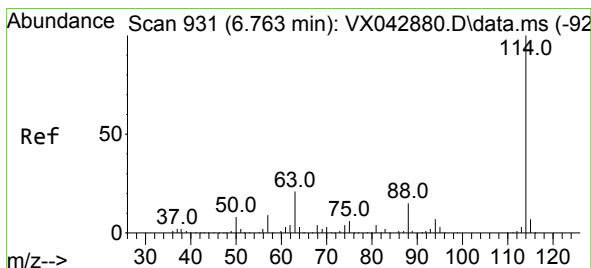
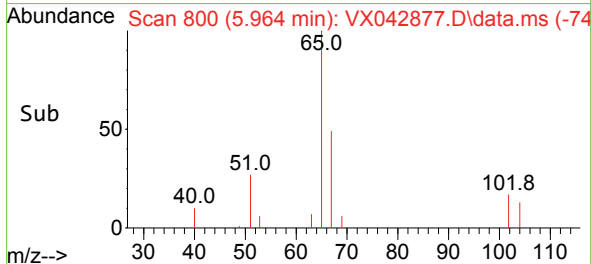
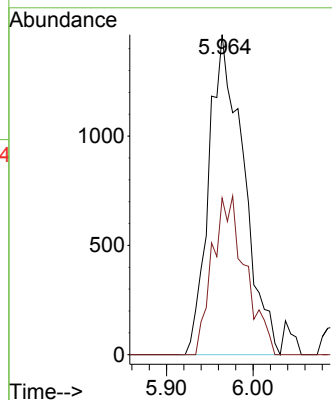
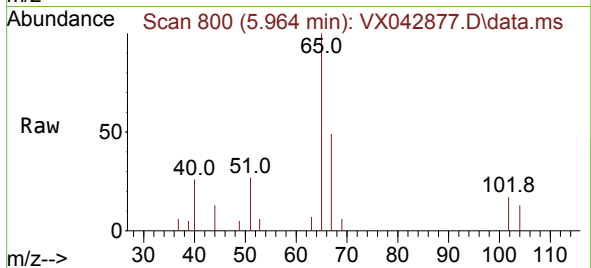
VSTDIC001

Tgt Ion: 65 Resp: 4081

Ion Ratio Lower Upper

65 100

67 47.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

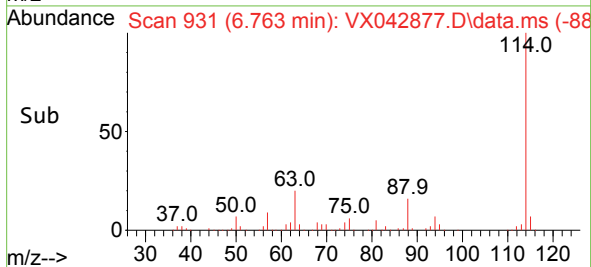
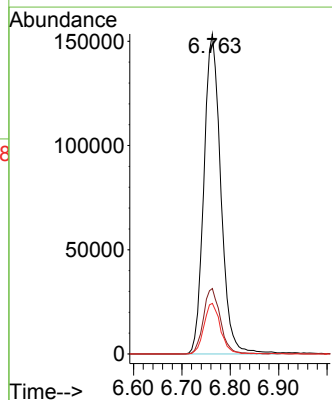
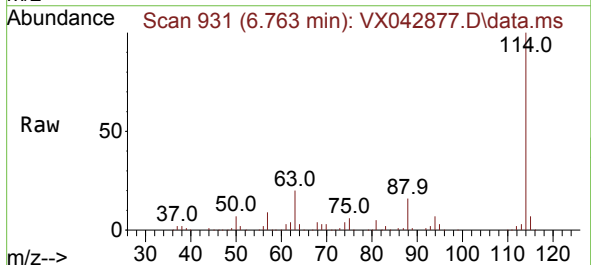
Tgt Ion: 114 Resp: 373378

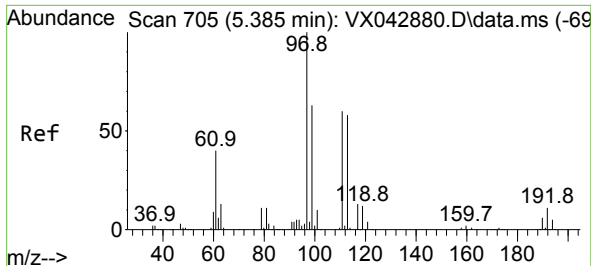
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 1.043 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

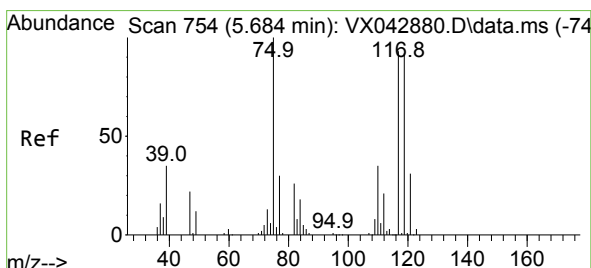
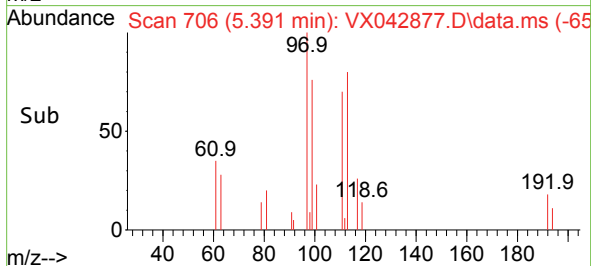
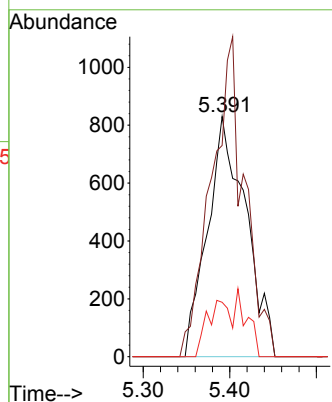
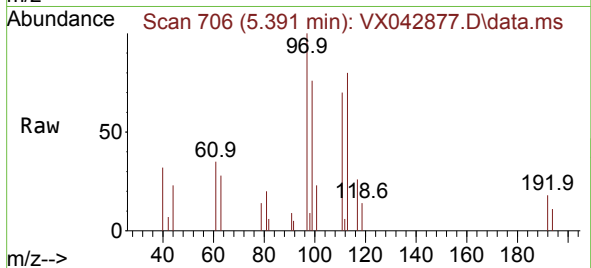
Tgt Ion:113 Resp: 2546

Ion Ratio Lower Upper

113 100

111 115.3 82.9 124.3

192 14.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 1.071 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.012 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

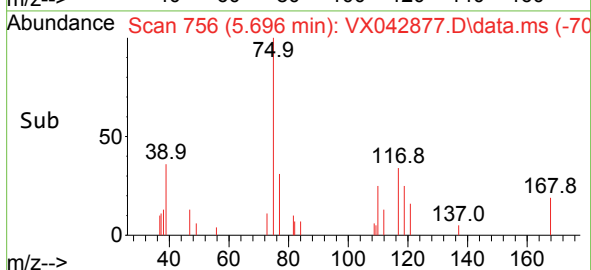
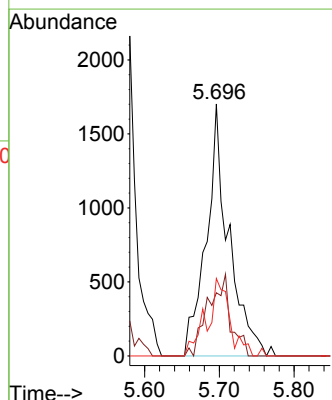
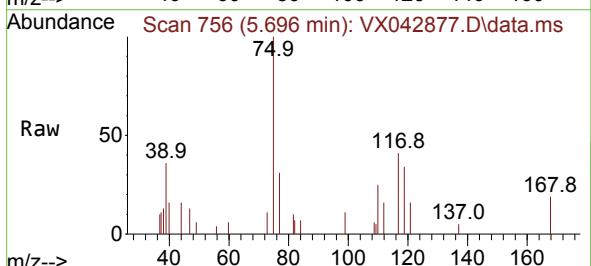
Tgt Ion: 75 Resp: 3544

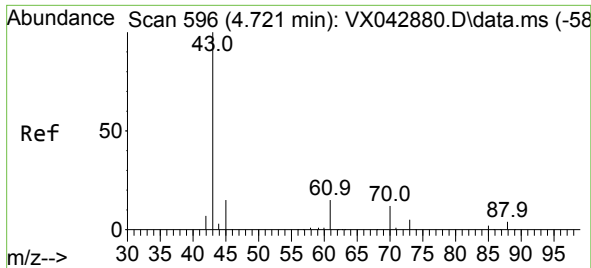
Ion Ratio Lower Upper

75 100

110 32.6 17.0 50.9

77 31.2 24.7 37.1

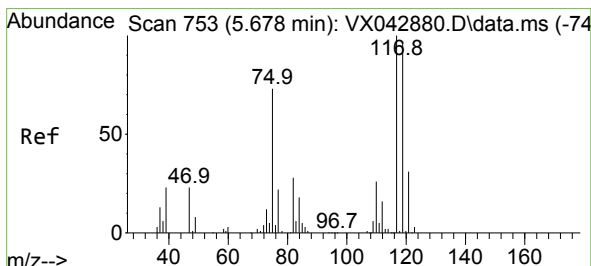
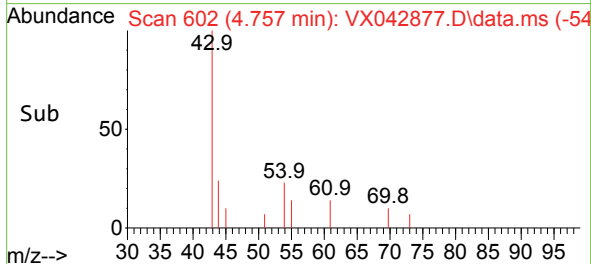
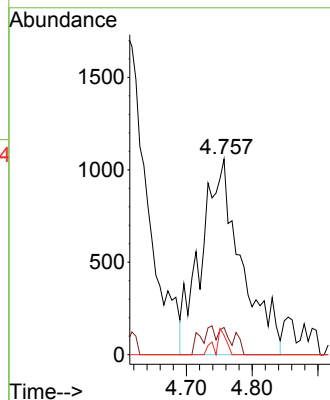
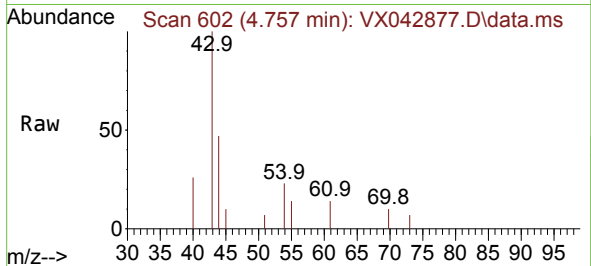




#37
Ethyl Acetate
Concen: 1.086 ug/l
RT: 4.757 min Scan# 60
Delta R.T. 0.036 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

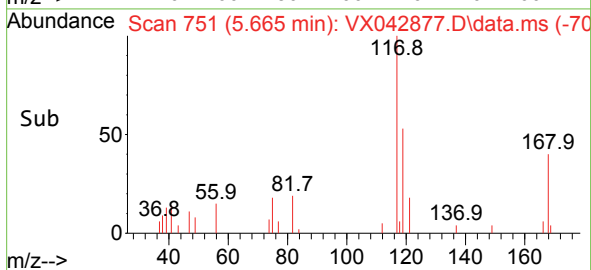
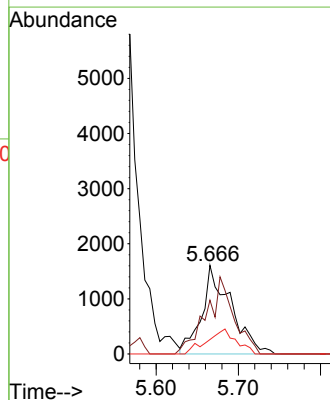
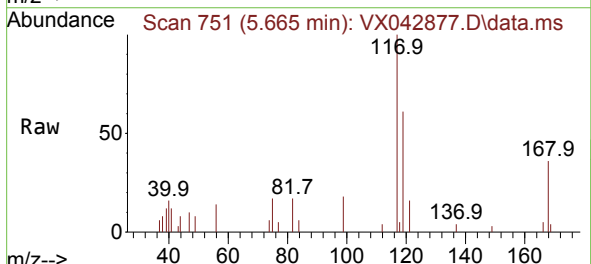
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

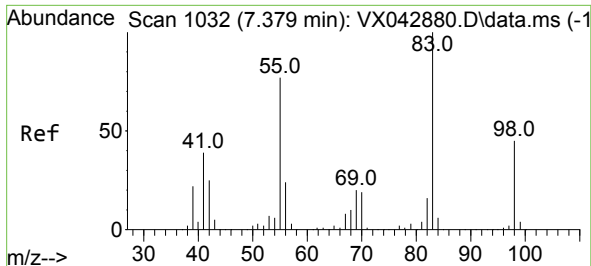
Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
61 5.4 10.6 16.0#
70 3.4 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 1.063 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 117 Resp: 3972
Ion Ratio Lower Upper
117 100
119 60.6 78.2 117.2#
121 16.2 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.872 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

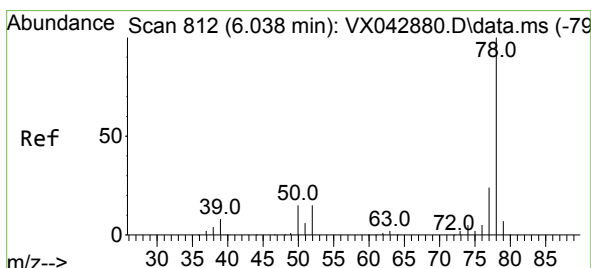
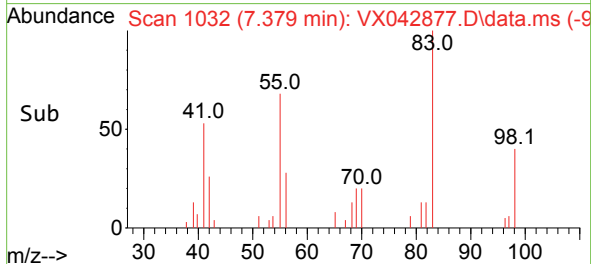
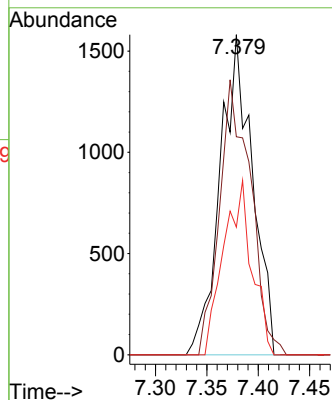
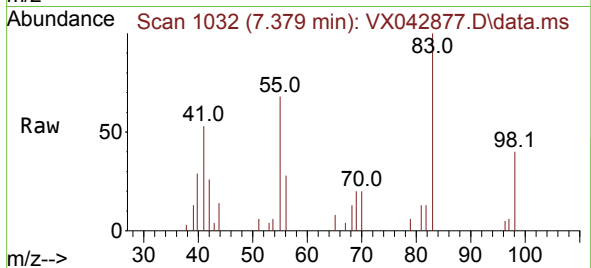
Tgt Ion: 83 Resp: 3431

Ion Ratio Lower Upper

83 100

55 68.1 64.6 97.0

98 39.8 36.7 55.1



#40

Benzene

Concen: 0.958 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX042877.D

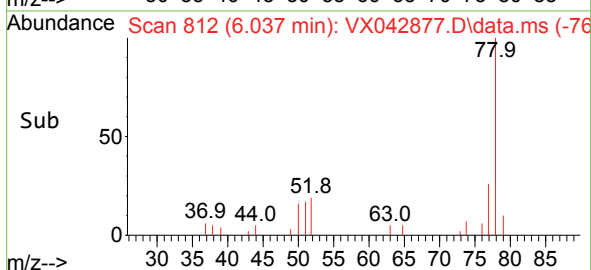
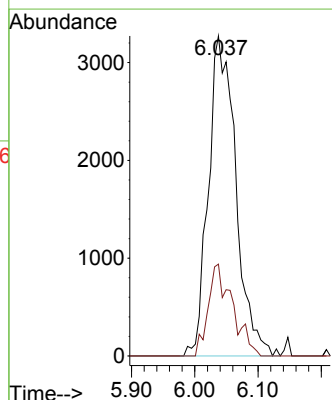
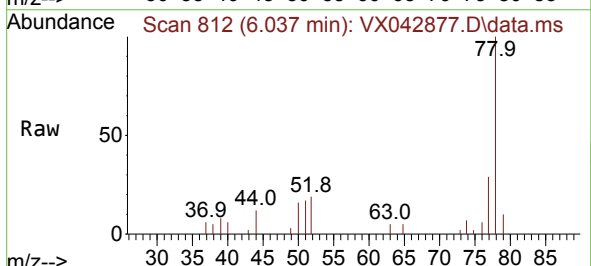
Acq: 06 Aug 2024 18:18

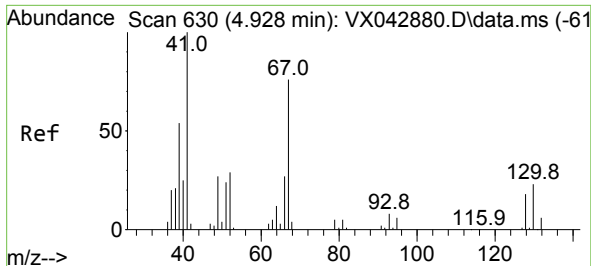
Tgt Ion: 78 Resp: 9845

Ion Ratio Lower Upper

78 100

77 28.7 19.3 28.9

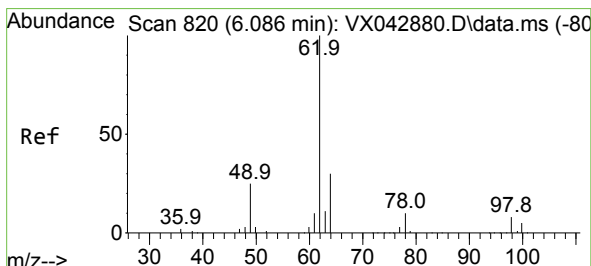
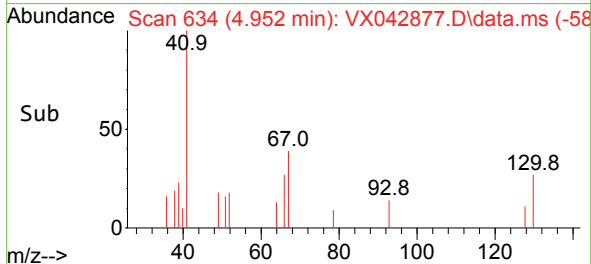
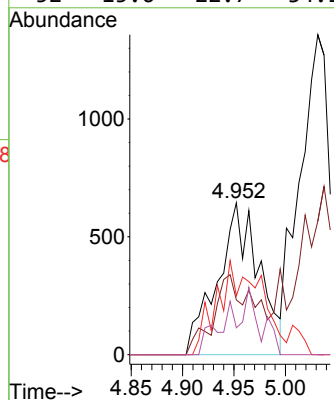
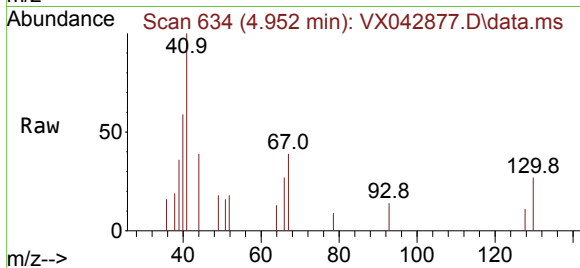




#41
Methacrylonitrile
Concen: 0.844 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

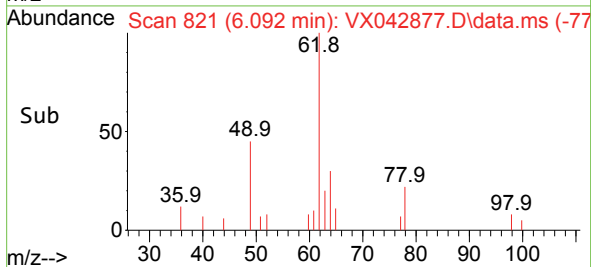
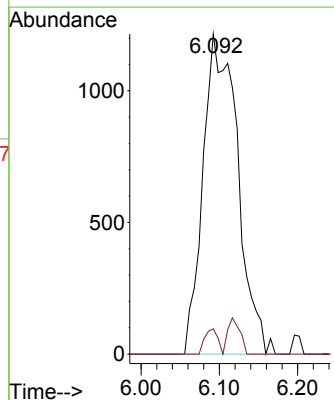
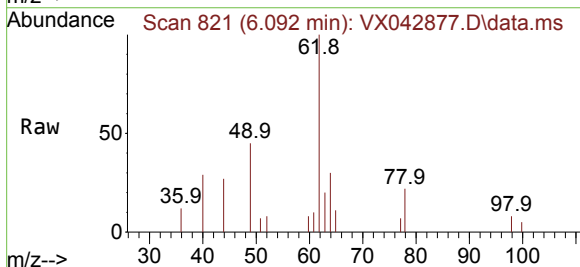
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

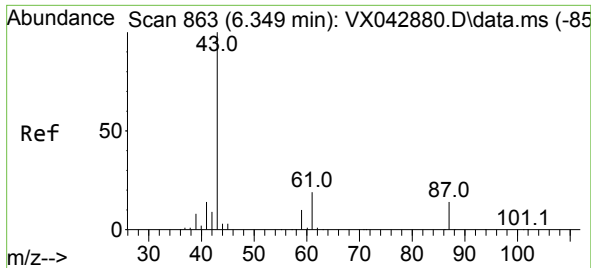
Tgt Ion:	41	Resp:	1801
Ion	Ratio	Lower	Upper
41	100		
39	34.0	45.2	67.8#
67	43.8	52.6	78.8#
52	15.6	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.999 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:	62	Resp:	3732
Ion	Ratio	Lower	Upper
62	100		
98	2.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.914 ug/l

RT: 6.360 min Scan# 865

Delta R.T. 0.012 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

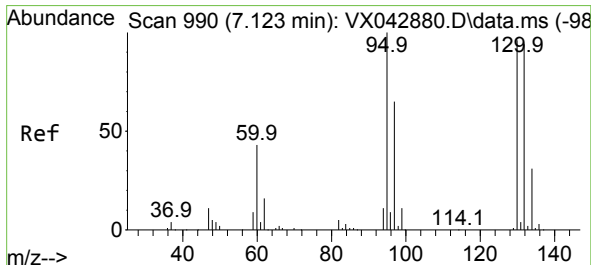
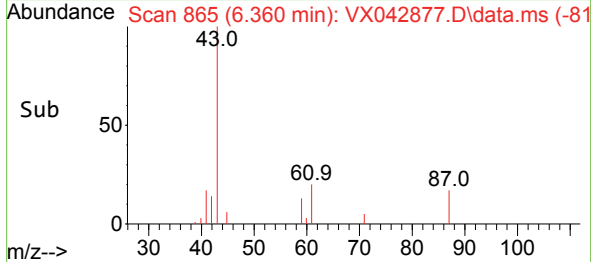
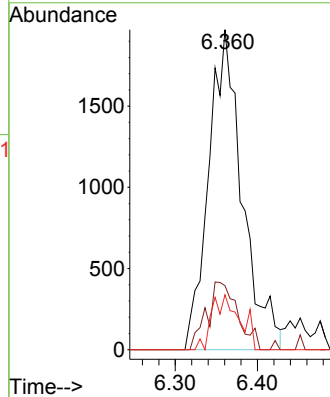
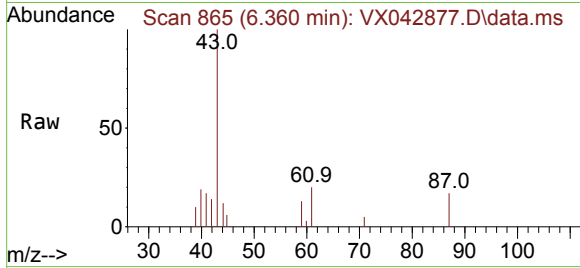
Tgt Ion: 43 Resp: 5598

Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

87 5.3 9.8 14.6#



#44

Trichloroethene

Concen: 1.007 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX042877.D

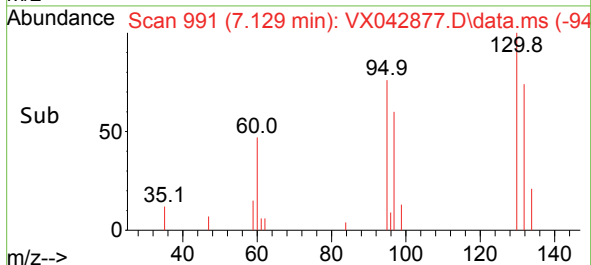
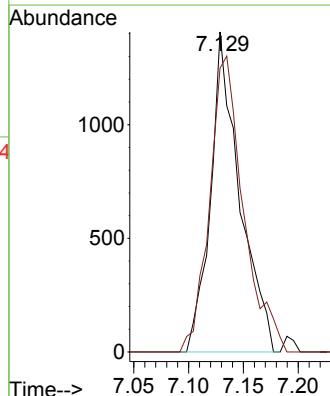
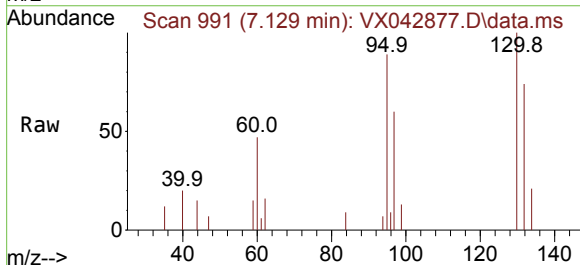
Acq: 06 Aug 2024 18:18

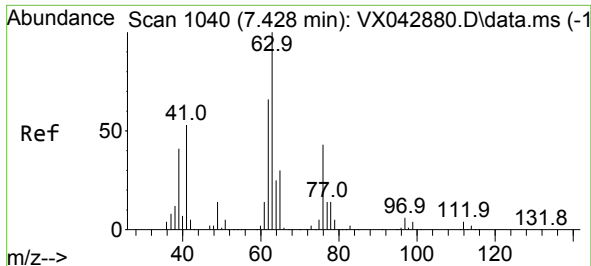
Tgt Ion:130 Resp: 2598

Ion Ratio Lower Upper

130 100

95 88.7 0.0 204.4

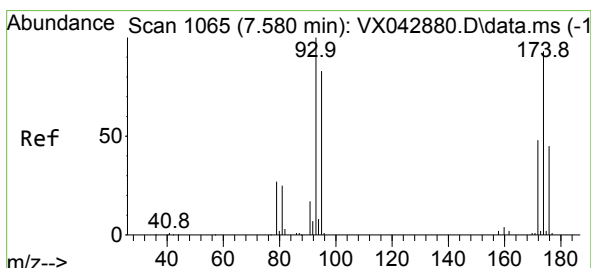
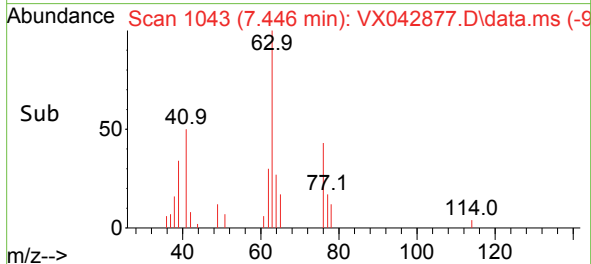
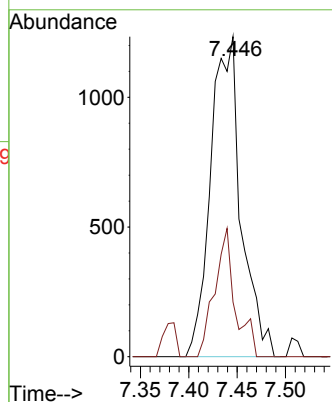
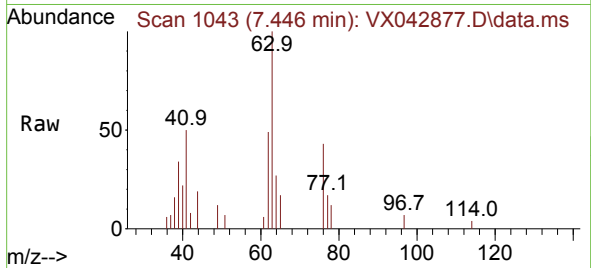




#45
1,2-Dichloropropane
Concen: 1.030 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

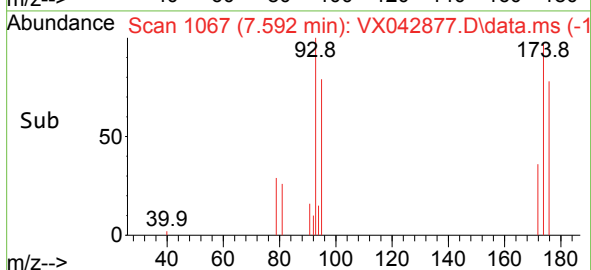
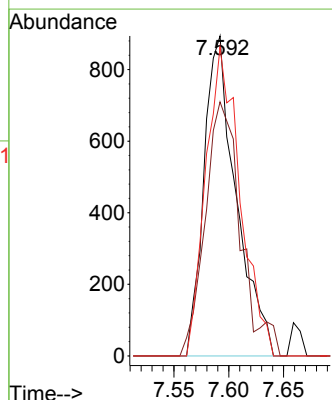
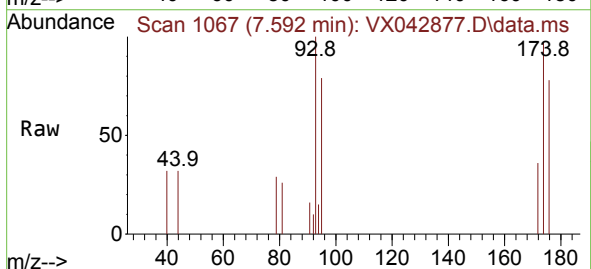
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

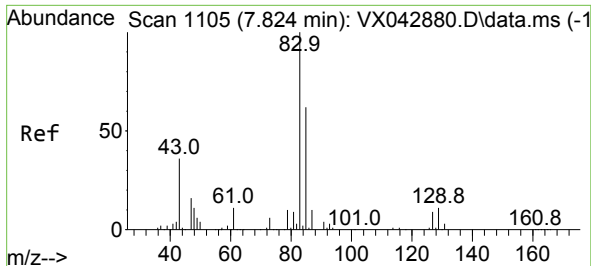
Tgt Ion: 63 Resp: 2685
Ion Ratio Lower Upper
63 100
65 17.1 24.3 36.5#



#46
Dibromomethane
Concen: 0.953 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 93 Resp: 1823
Ion Ratio Lower Upper
93 100
95 87.5 66.6 100.0
174 103.0 69.4 104.0

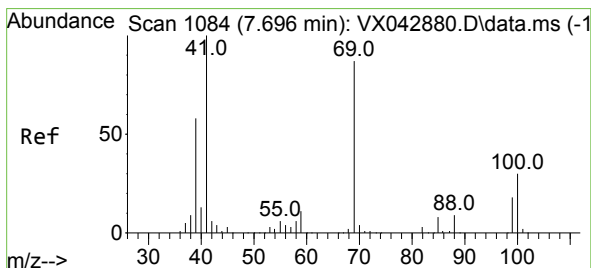
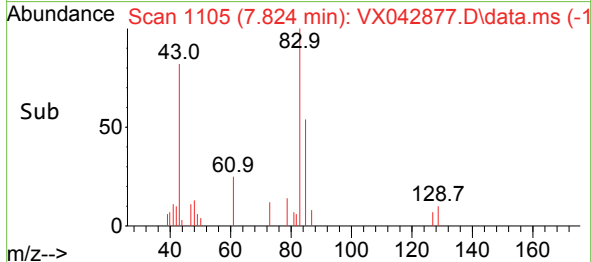
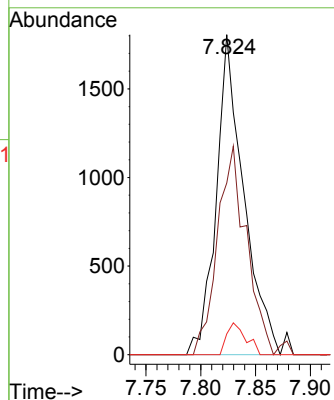
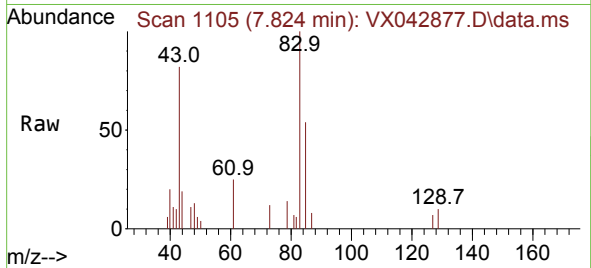




#47
Bromodichloromethane
Concen: 0.886 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

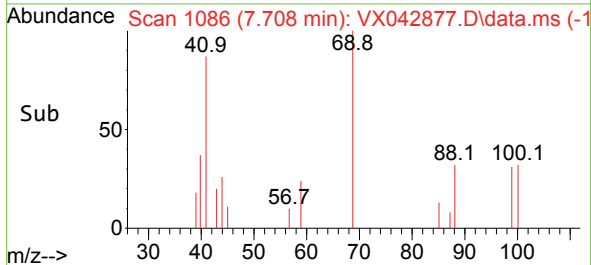
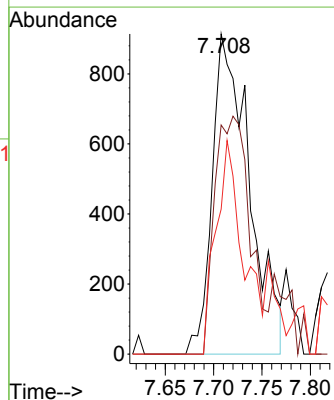
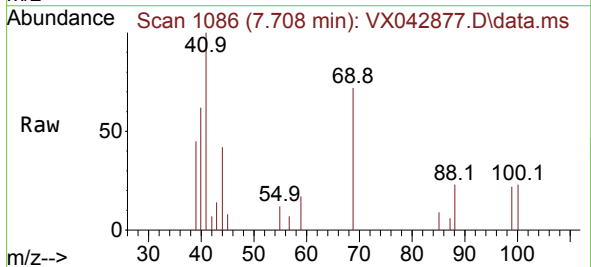
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

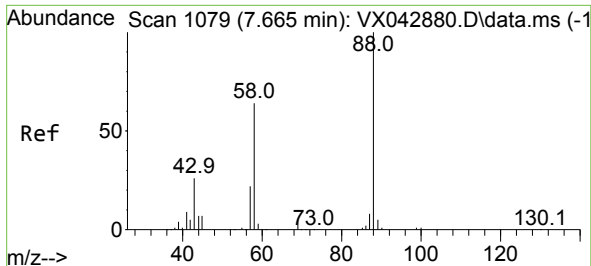
Tgt Ion: 83	Resp:	3150
Ion	Ratio	Lower Upper
83	100	
85	53.7	49.8 74.6
127	6.5	7.1 10.7



#48
Methyl methacrylate
Concen: 0.836 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 41	Resp:	2454
Ion	Ratio	Lower Upper
41	100	
69	70.5	59.2 88.8
39	48.8	47.7 71.5

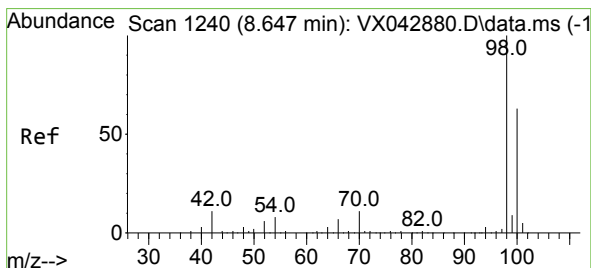
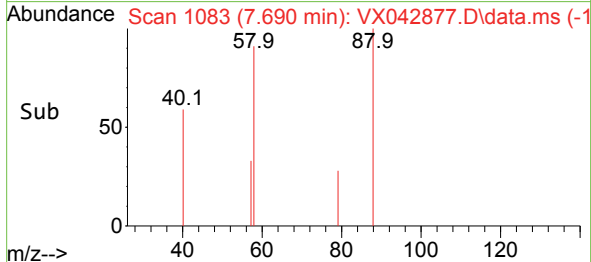
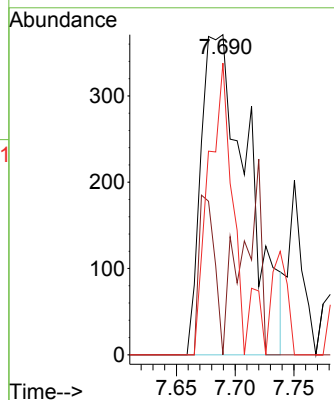
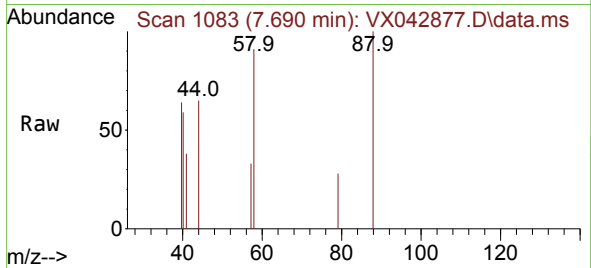




#49
1,4-Dioxane
Concen: 24.781 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.025 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

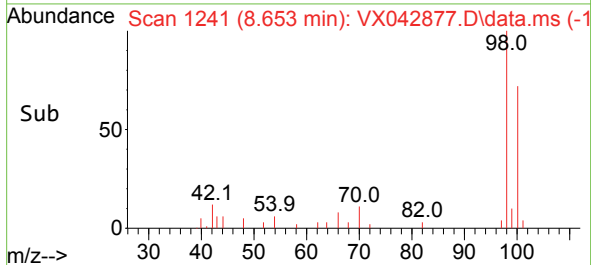
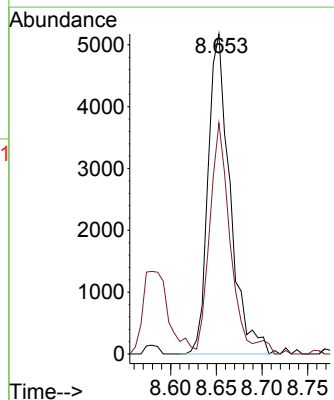
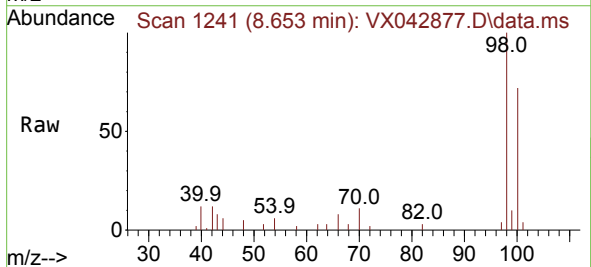
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

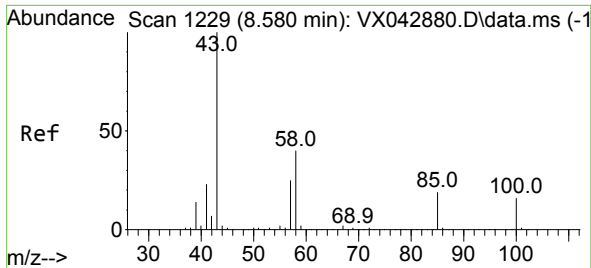
Tgt Ion: 88 Resp: 1035
Ion Ratio Lower Upper
88 100
43 16.4 0.0 0.0#
58 50.1 60.1 90.1#



#50
Toluene-d8
Concen: 0.996 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 98 Resp: 8632
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7

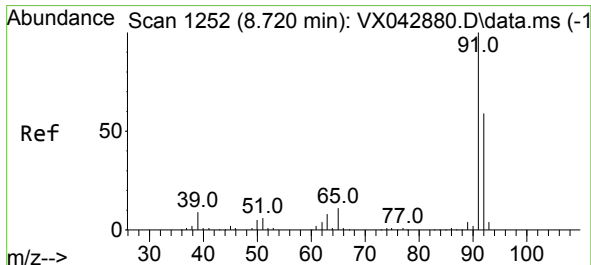
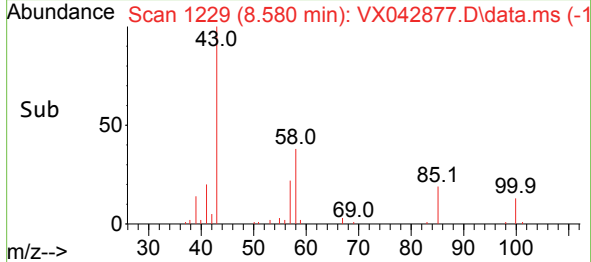
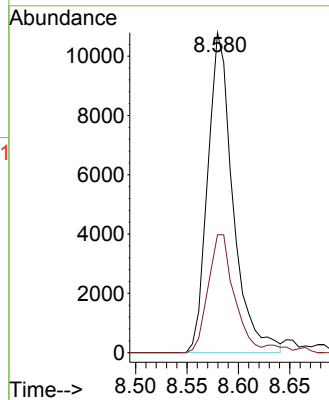
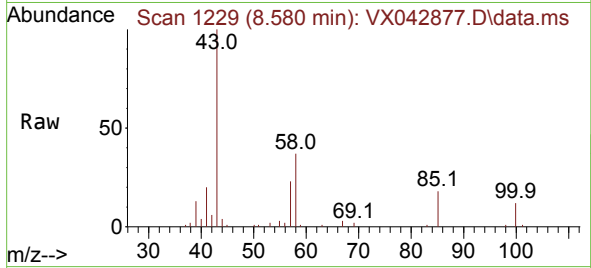




#51
4-Methyl-2-Pentanone
Concen: 4.504 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

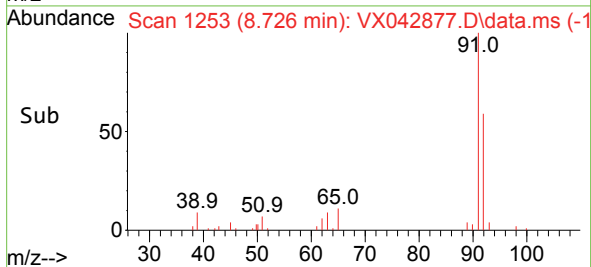
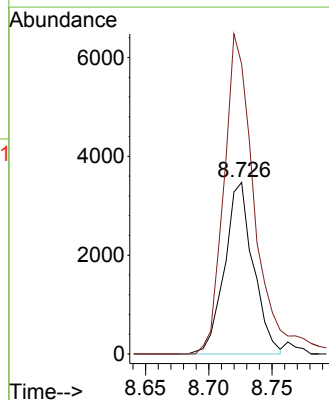
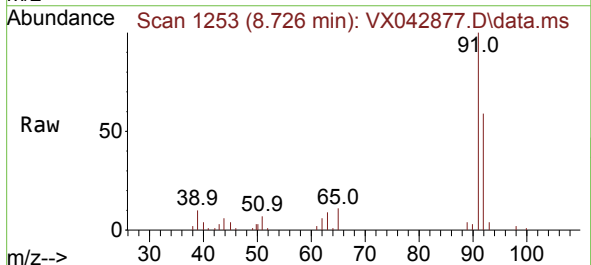
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

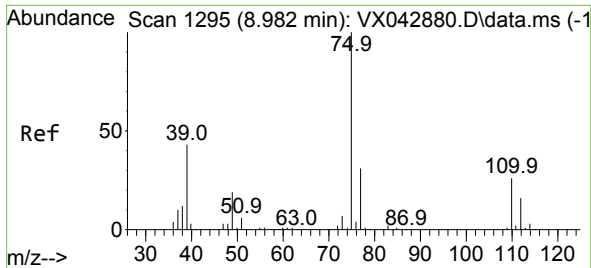
Tgt Ion: 43 Resp: 18476
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6



#52
Toluene
Concen: 0.877 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 92 Resp: 5465
Ion Ratio Lower Upper
92 100
91 200.2 134.2 201.2

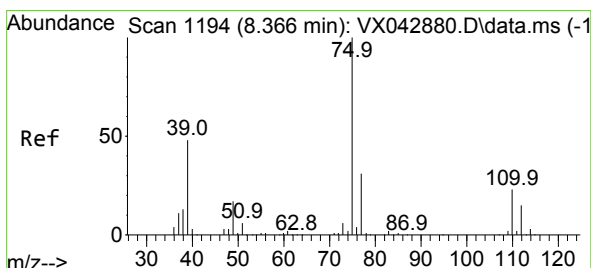
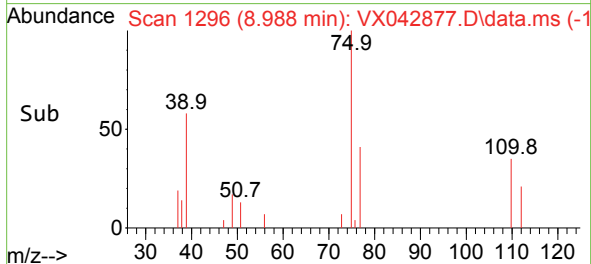
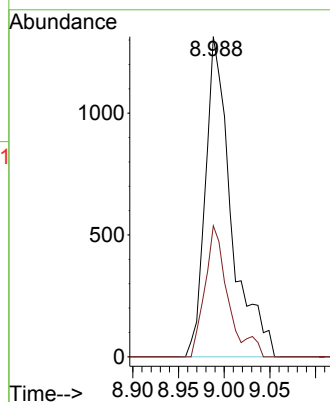
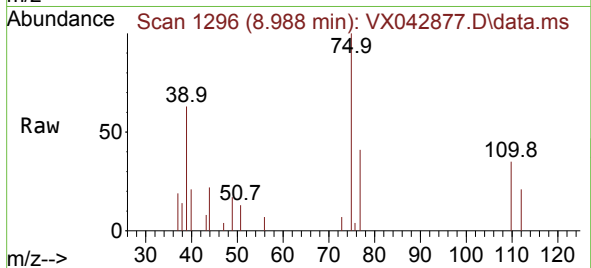




#53
 t-1,3-Dichloropropene
 Concen: 0.787 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

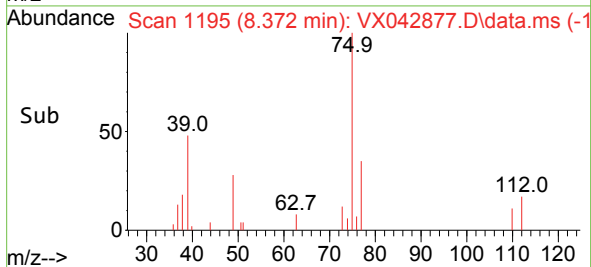
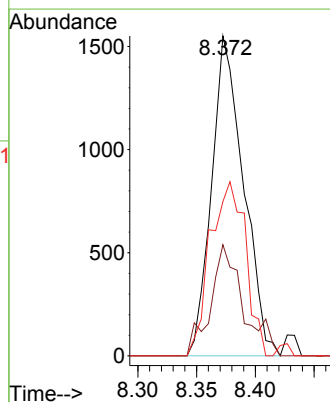
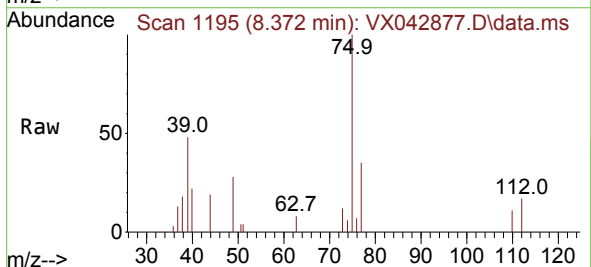
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

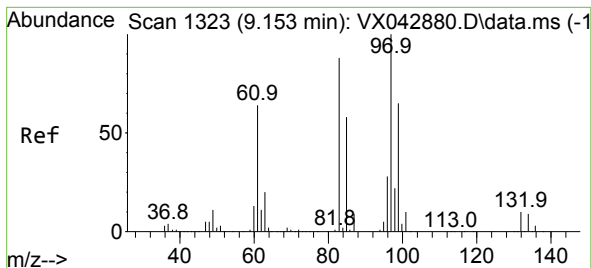
Tgt Ion: 75 Resp: 2586
 Ion Ratio Lower Upper
 75 100
 77 40.9 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.808 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 75 Resp: 2931
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.3 37.9
 39 48.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.921 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2332

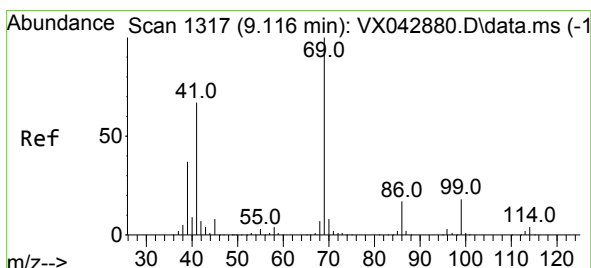
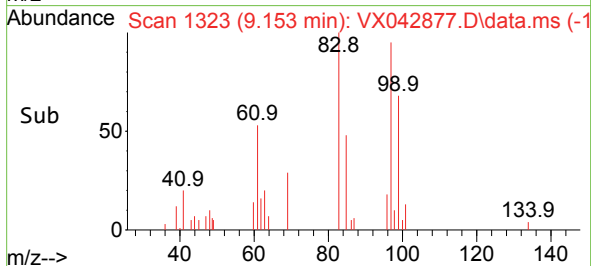
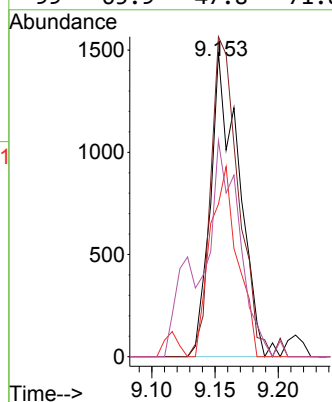
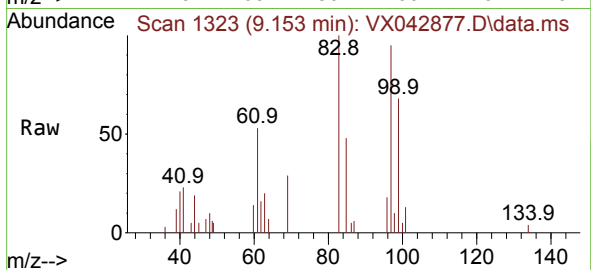
Ion Ratio Lower Upper

97 100

83 105.2 65.8 98.8#

85 50.1 41.6 62.4

99 65.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.838 ug/l

RT: 9.128 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

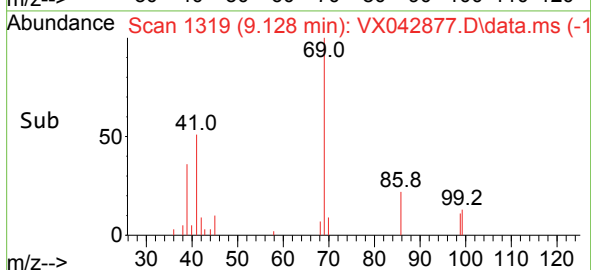
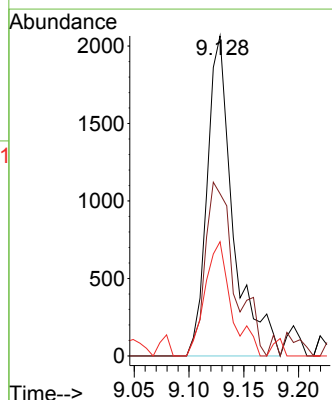
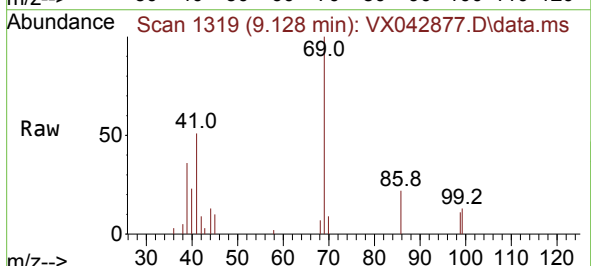
Tgt Ion: 69 Resp: 3417

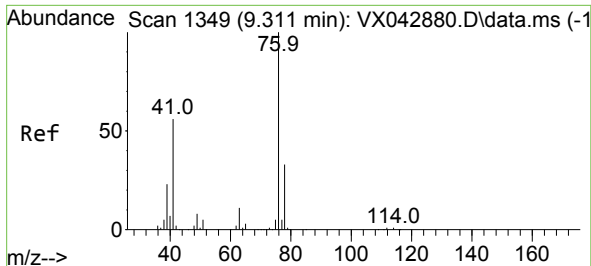
Ion Ratio Lower Upper

69 100

41 61.4 56.8 85.2

39 36.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 0.928 ug/l

RT: 9.317 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

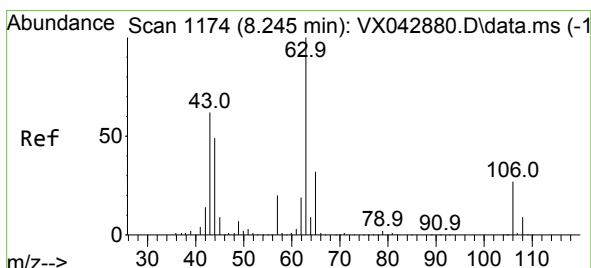
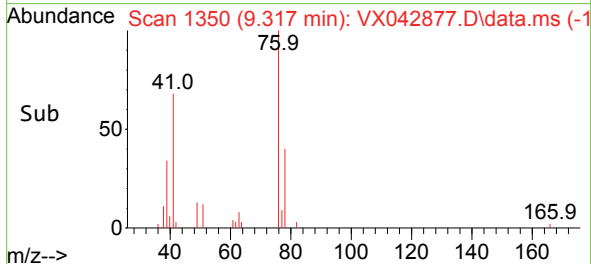
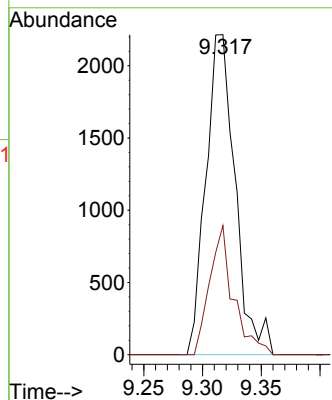
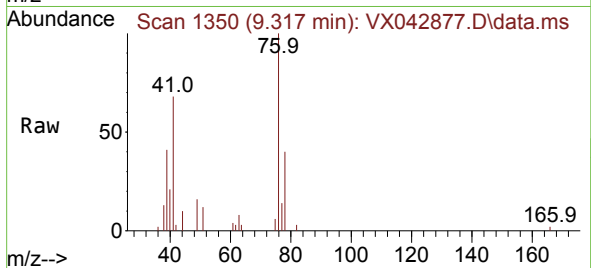
VSTDICC001

Tgt Ion: 76 Resp: 3850

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 4.030 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX042877.D

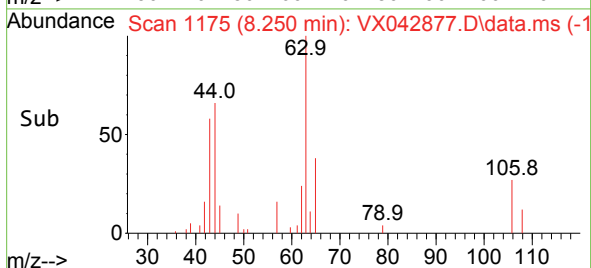
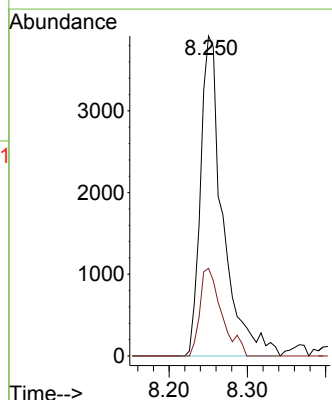
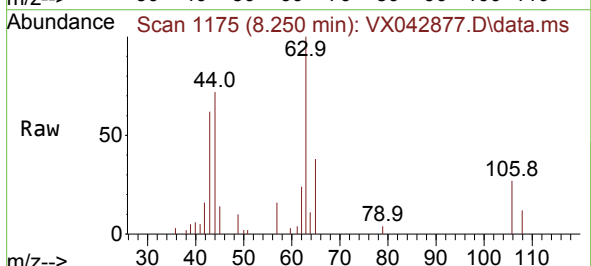
Acq: 06 Aug 2024 18:18

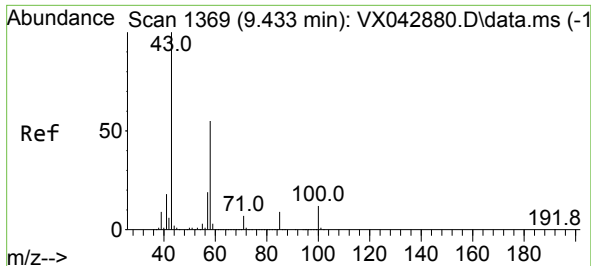
Tgt Ion: 63 Resp: 7742

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7





#59

2-Hexanone

Concen: 4.579 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

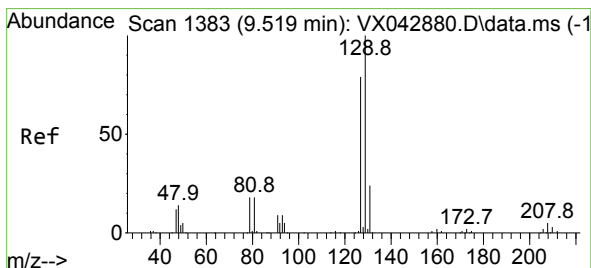
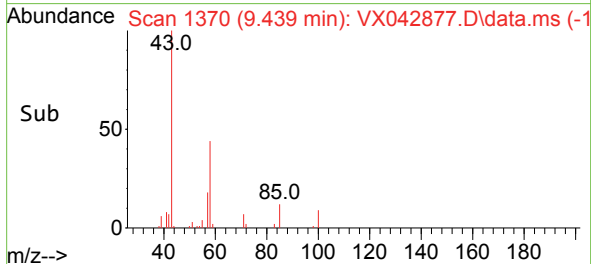
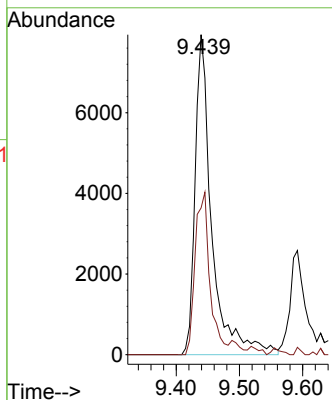
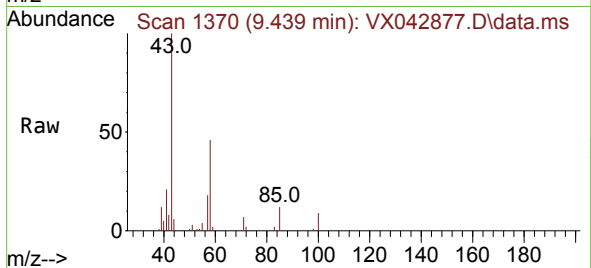
VSTDIC001

Tgt Ion: 43 Resp: 14557

Ion Ratio Lower Upper

43 100

58 45.0 26.2 78.5



#60

Dibromochloromethane

Concen: 0.892 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX042877.D

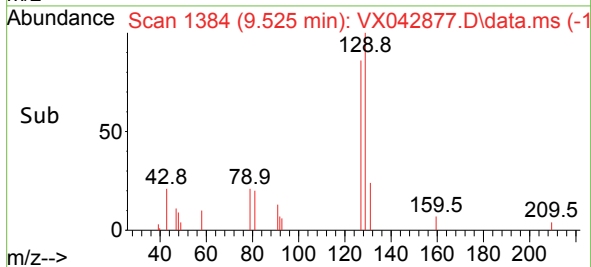
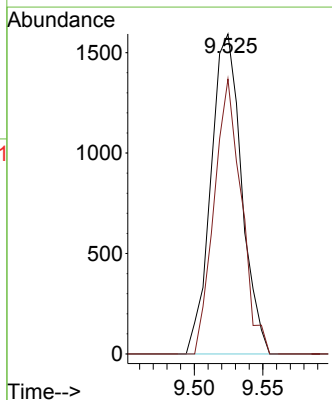
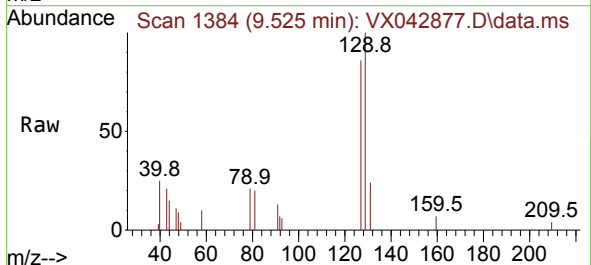
Acq: 06 Aug 2024 18:18

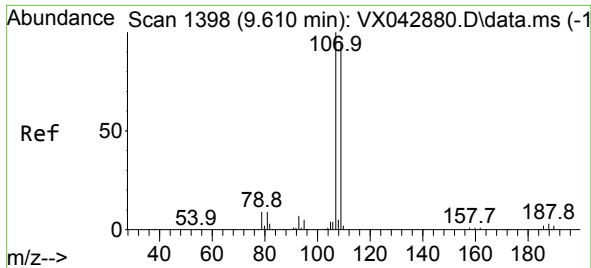
Tgt Ion: 129 Resp: 2482

Ion Ratio Lower Upper

129 100

127 76.5 38.8 116.4

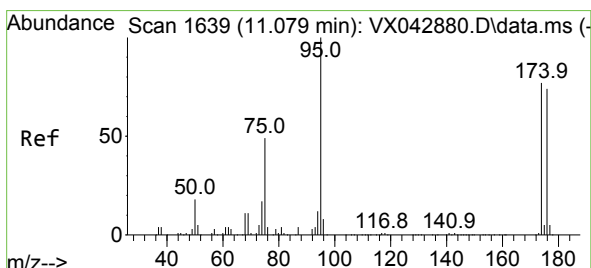
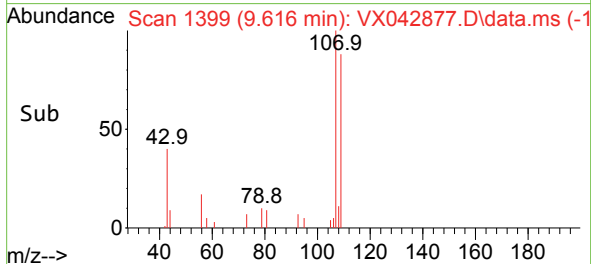
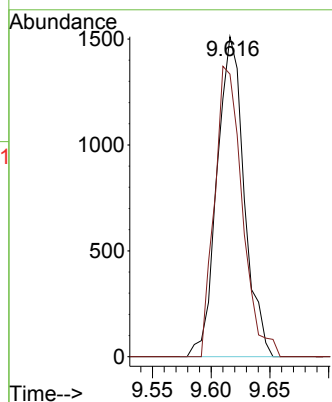
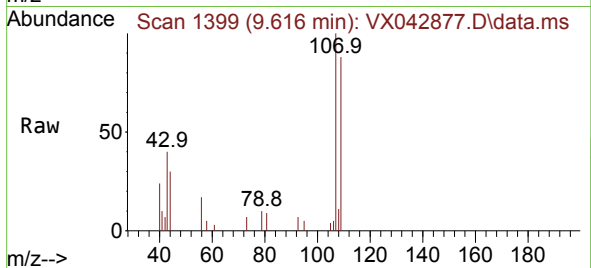




#61
1,2-Dibromoethane
Concen: 0.911 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

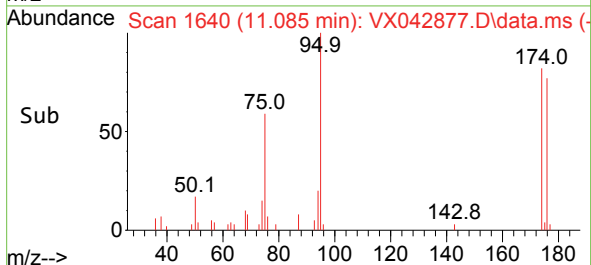
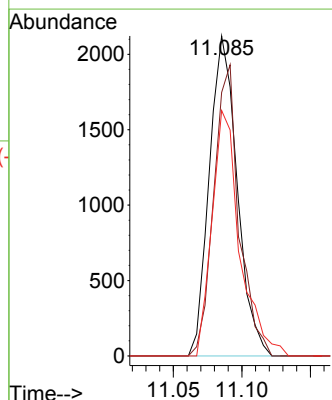
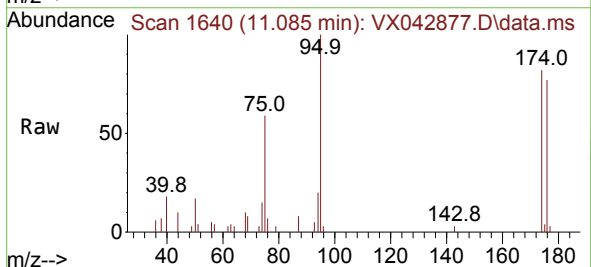
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

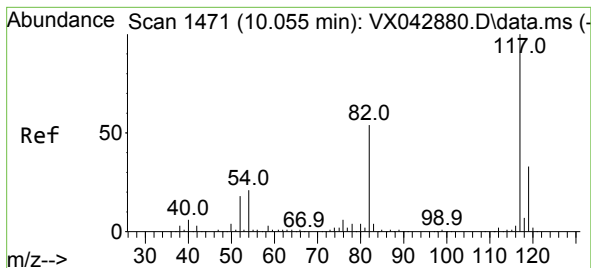
Tgt Ion:107 Resp: 2439
Ion Ratio Lower Upper
107 100
109 92.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 0.962 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 95 Resp: 2995
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 76.5 0.0 131.0

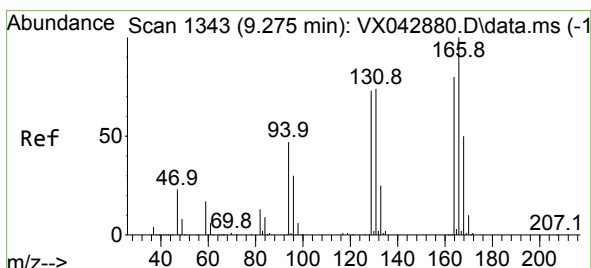
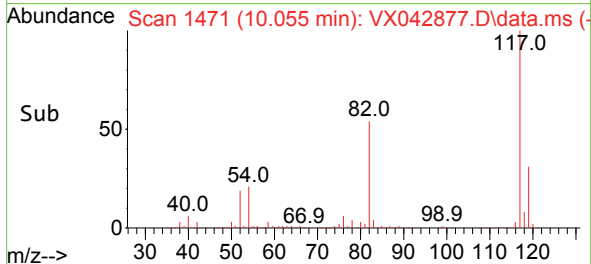
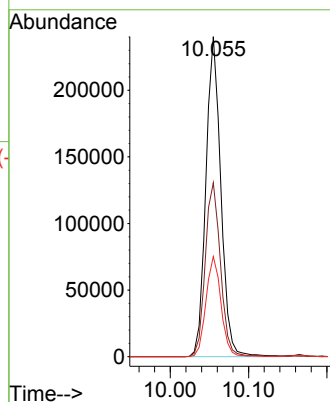
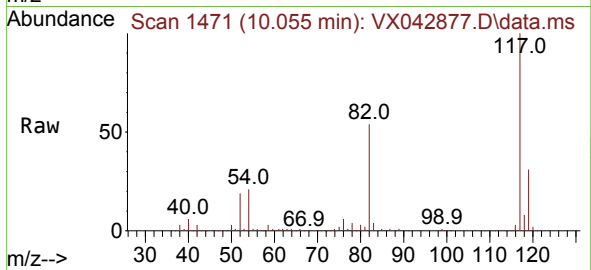




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

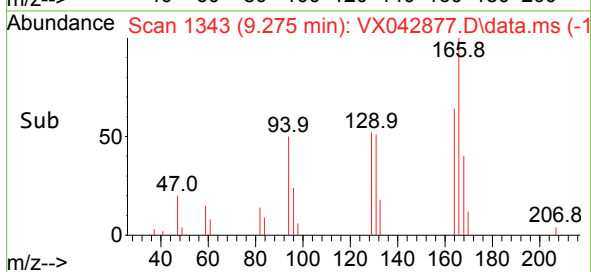
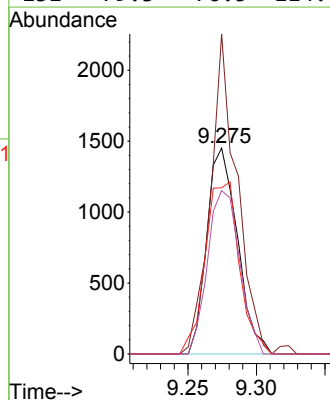
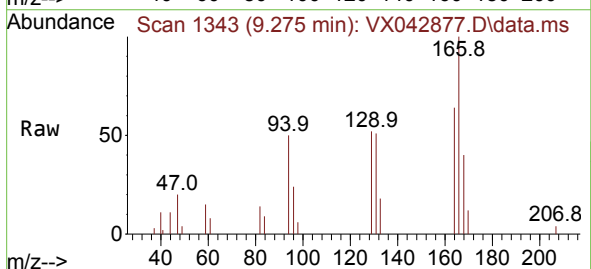
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

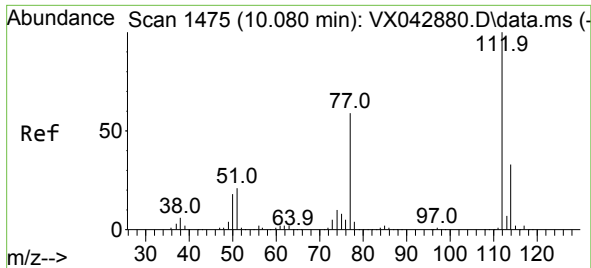
Tgt Ion:117 Resp: 318130
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.019 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:164 Resp: 2255
Ion Ratio Lower Upper
164 100
166 155.4 102.7 154.1#
129 80.7 80.4 120.6
131 79.3 76.5 114.7

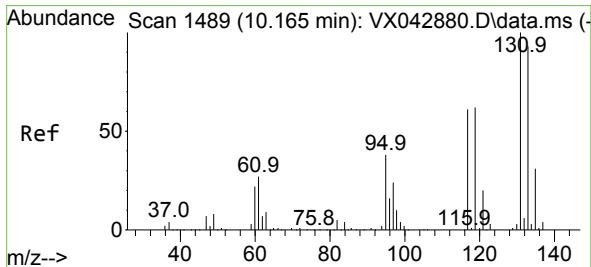
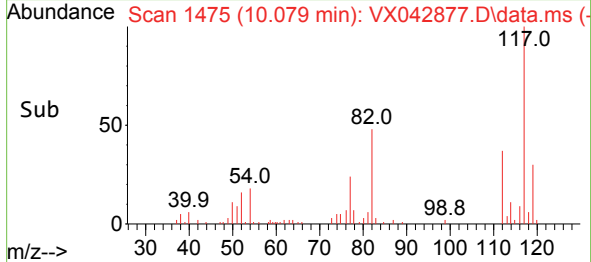
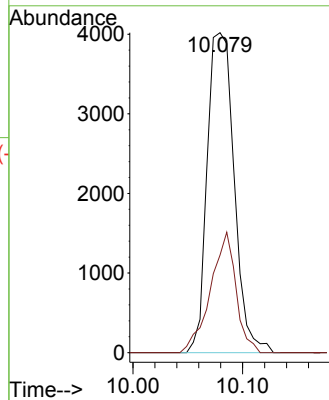
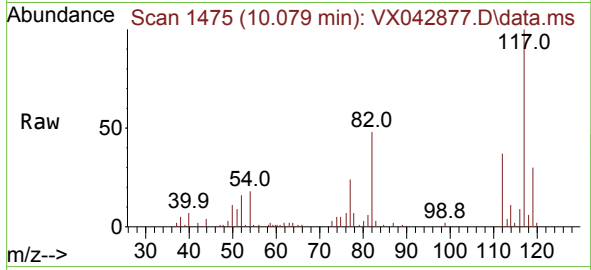




#65
Chlorobenzene
Concen: 1.019 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

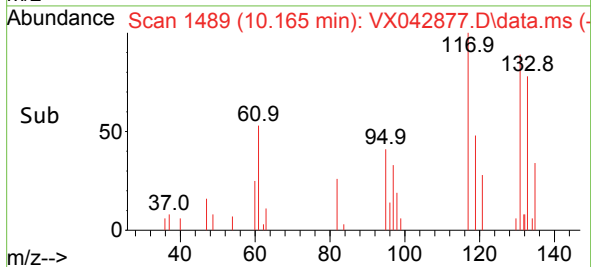
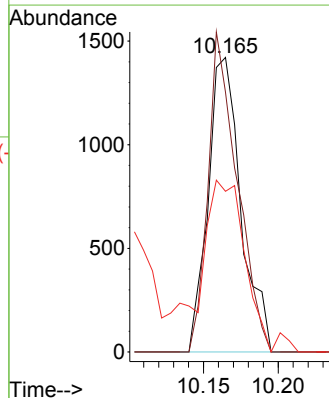
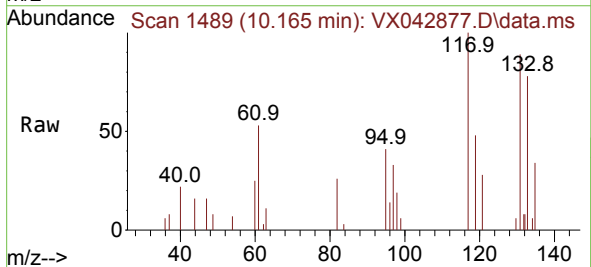
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

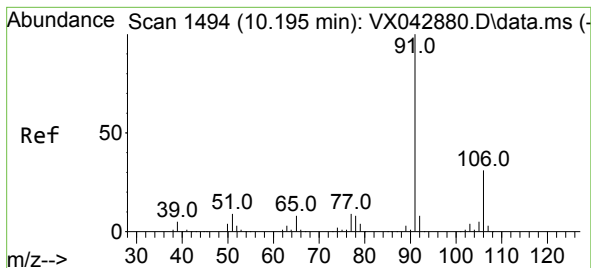
Tgt Ion:112 Resp: 6881
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.932 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:131 Resp: 2169
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.930 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

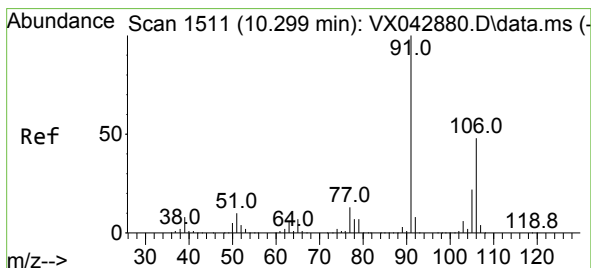
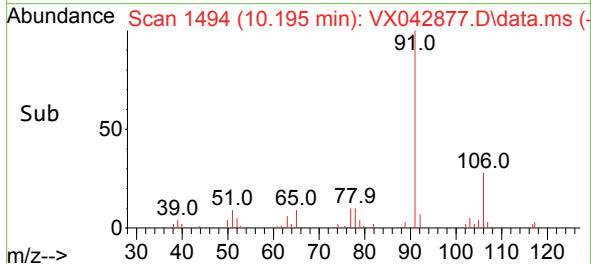
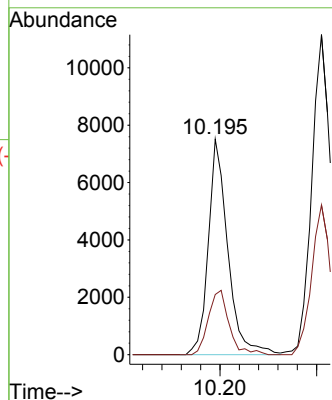
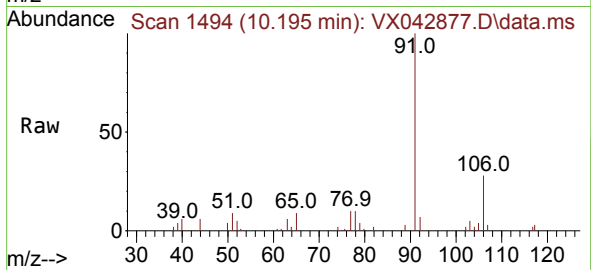
VSTDICC001

Tgt Ion: 91 Resp: 10561

Ion Ratio Lower Upper

91 100

106 27.9 24.9 37.3



#68

m/p-Xylenes

Concen: 1.764 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042877.D

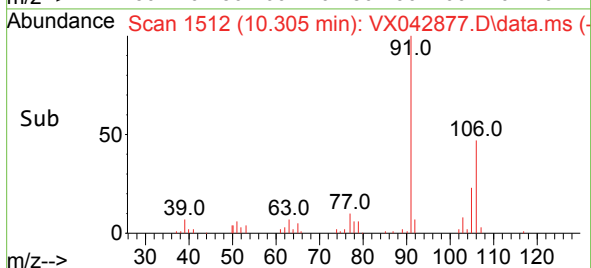
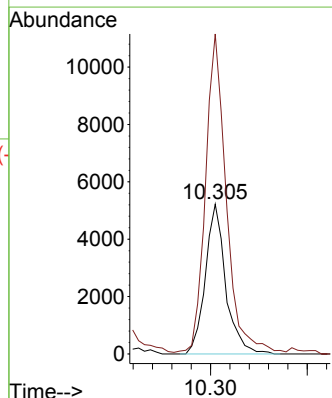
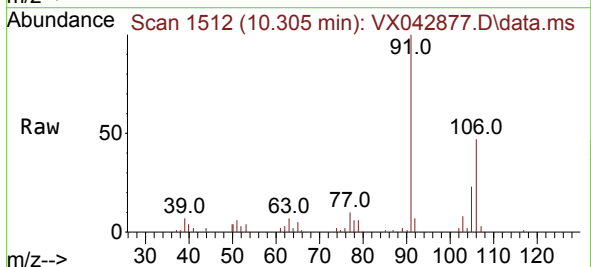
Acq: 06 Aug 2024 18:18

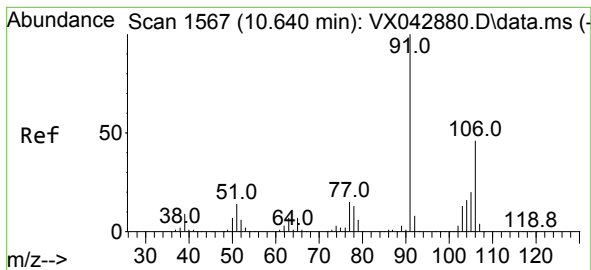
Tgt Ion: 106 Resp: 7649

Ion Ratio Lower Upper

106 100

91 215.4 165.5 248.3





#69

o-Xylene

Concen: 0.970 ug/l

RT: 10.646 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

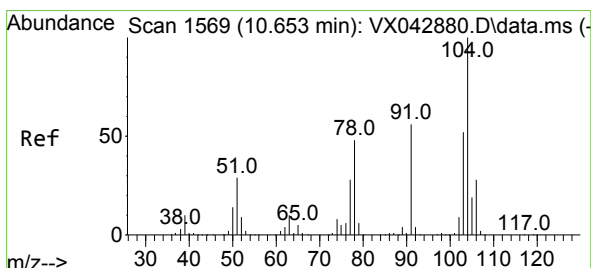
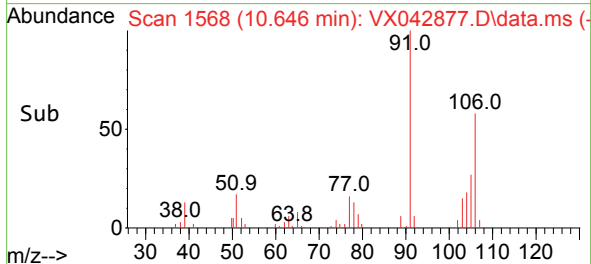
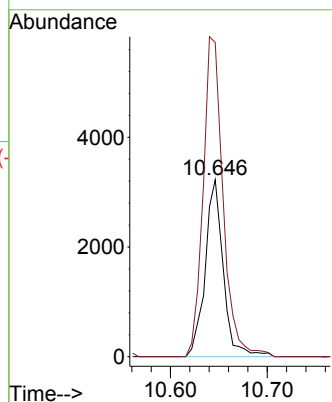
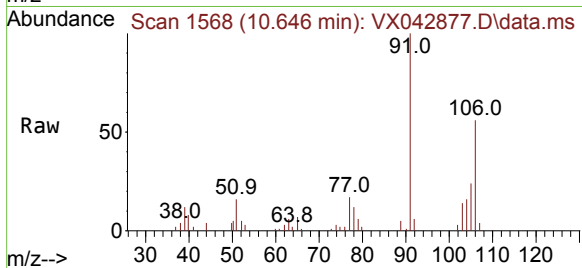
VSTDIC001

Tgt Ion:106 Resp: 4214

Ion Ratio Lower Upper

106 100

91 199.1 108.9 326.8



#70

Styrene

Concen: 0.802 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

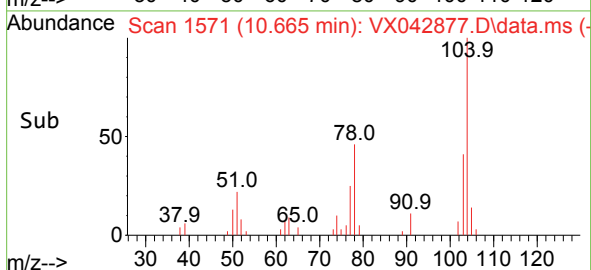
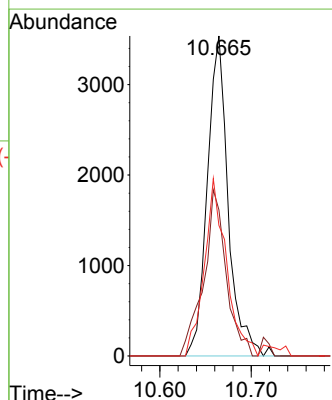
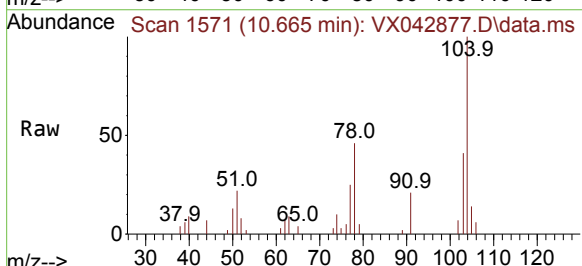
Tgt Ion:104 Resp: 5602

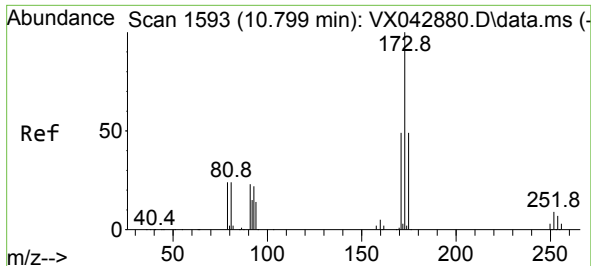
Ion Ratio Lower Upper

104 100

78 56.3 43.6 65.4

103 59.0 43.6 65.4

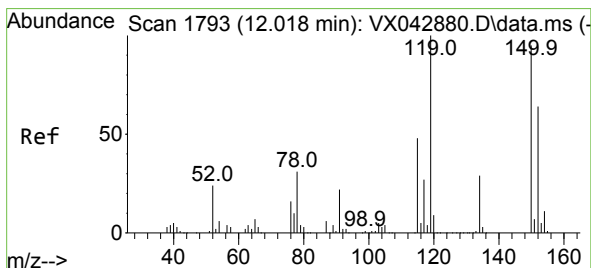
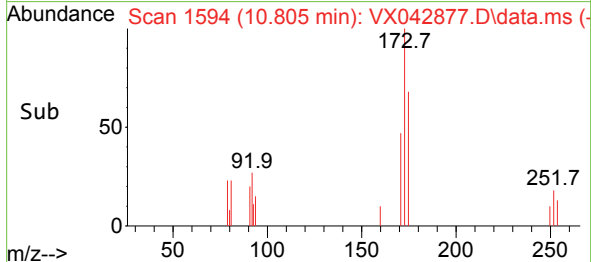
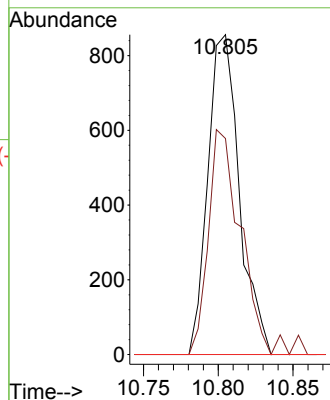
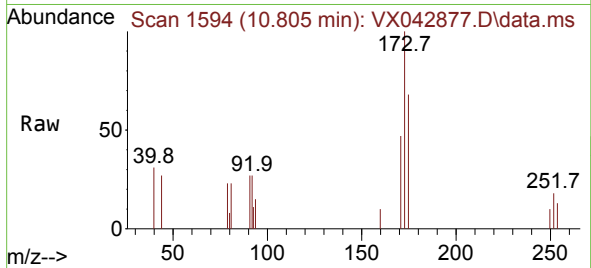




#71
Bromoform
Concen: 1.460 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

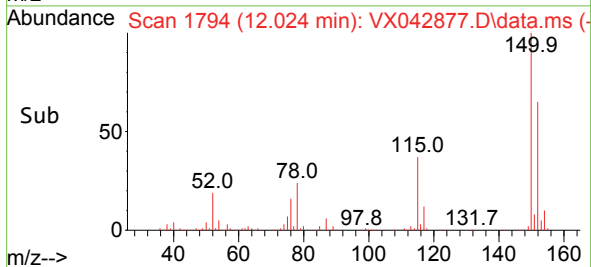
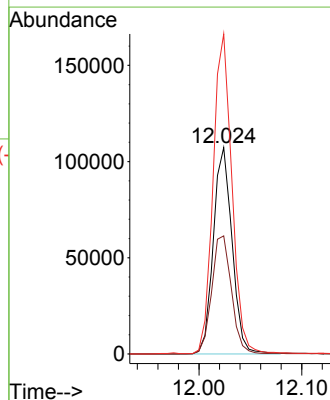
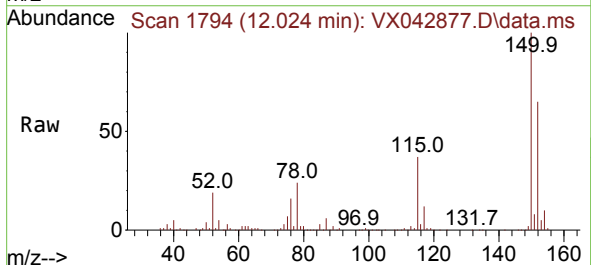
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

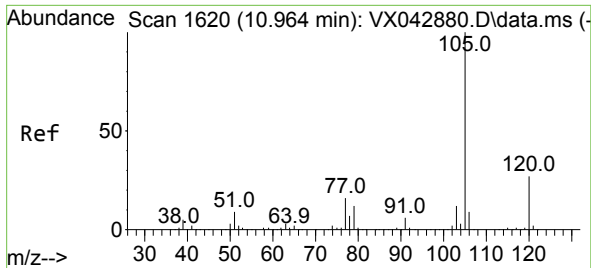
Tgt Ion:173 Resp: 1254
Ion Ratio Lower Upper
173 100
175 70.7 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion:152 Resp: 135893
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 154.9 0.0 345.0

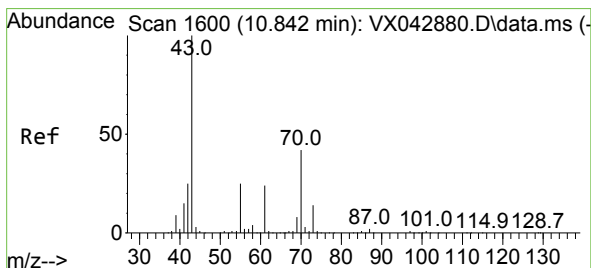
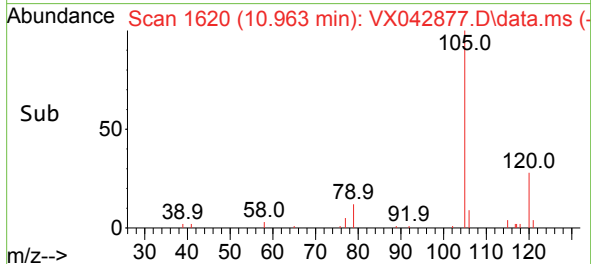
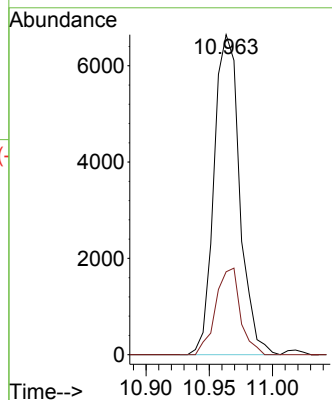
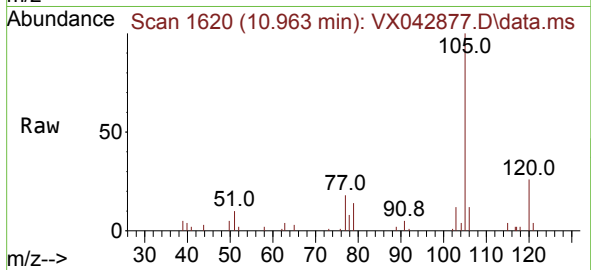




#73
Isopropylbenzene
Concen: 0.954 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

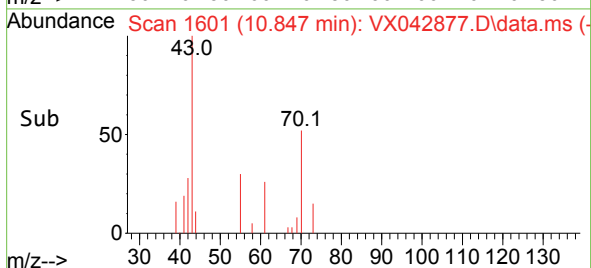
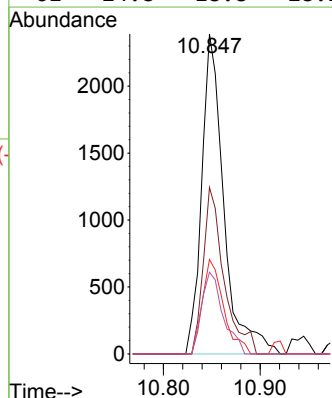
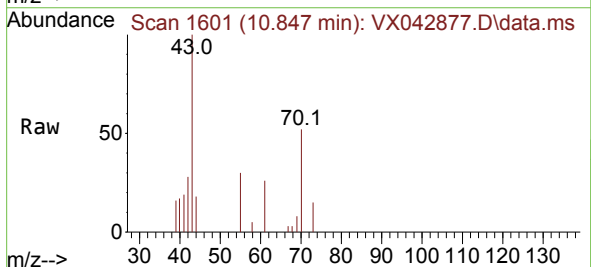
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

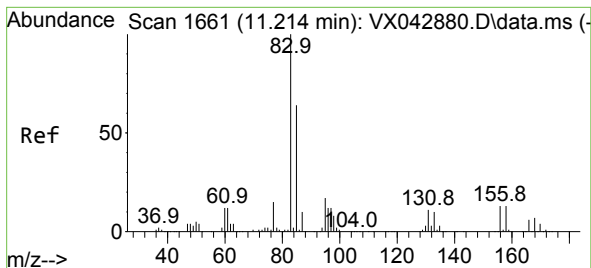
Tgt Ion:105 Resp: 9372
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 0.863 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX042877.D
Acq: 06 Aug 2024 18:18

Tgt Ion: 43 Resp: 3815
Ion Ratio Lower Upper
43 100
70 48.7 32.9 49.3
55 28.0 19.3 28.9
61 24.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.107 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

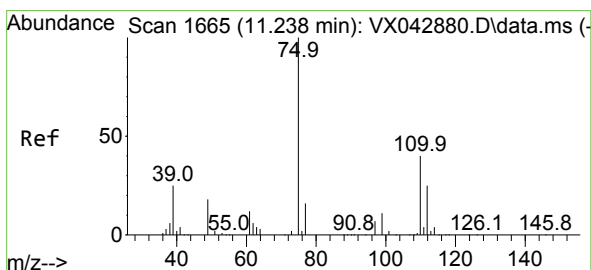
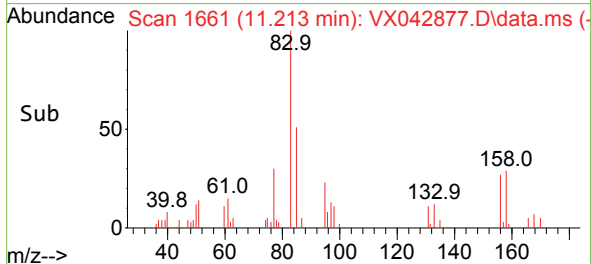
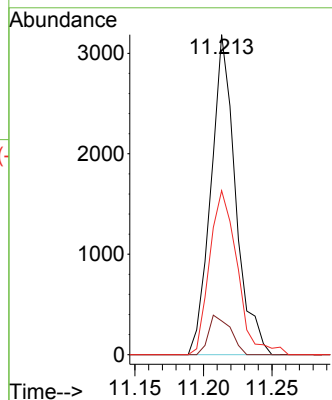
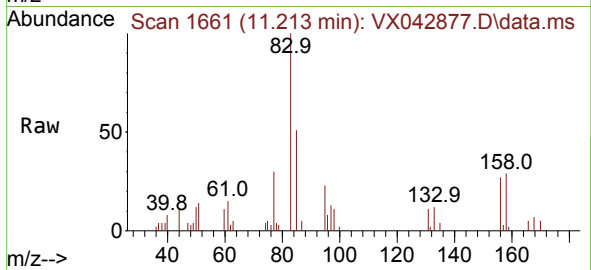
Tgt Ion: 83 Resp: 3983

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.8

85 57.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 1.330 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX042877.D

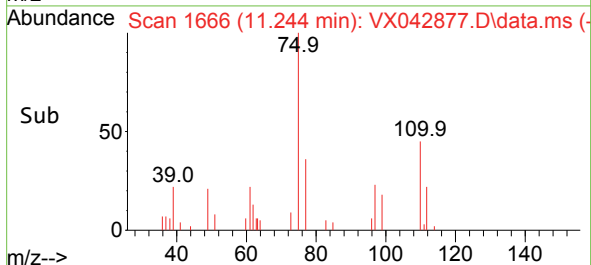
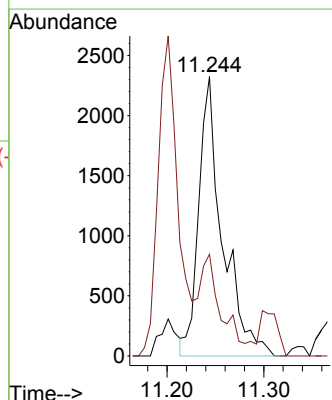
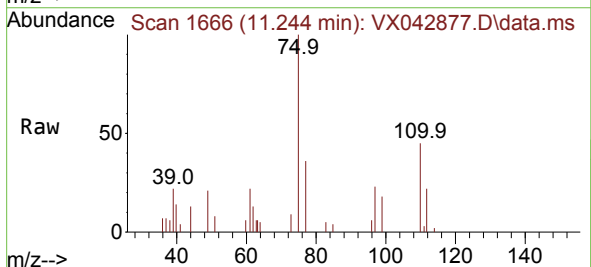
Acq: 06 Aug 2024 18:18

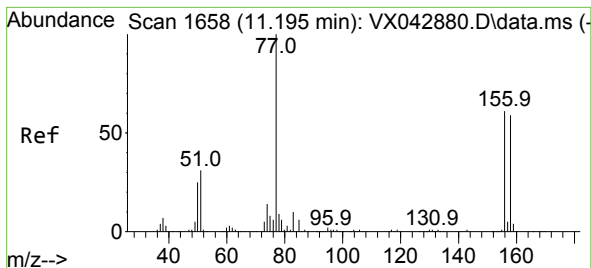
Tgt Ion: 75 Resp: 3964

Ion Ratio Lower Upper

75 100

77 34.2 19.1 57.5





#77

Bromobenzene

Concen: 0.964 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

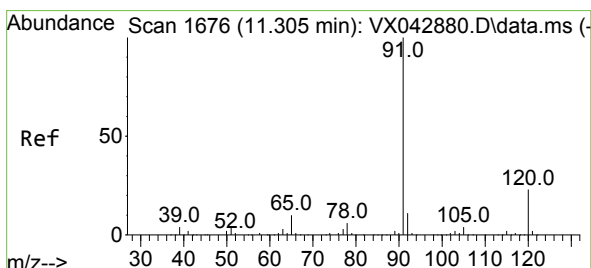
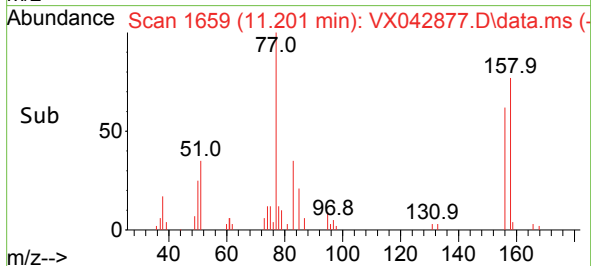
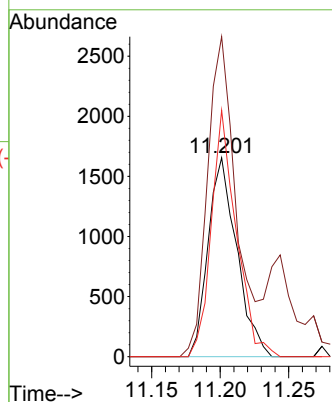
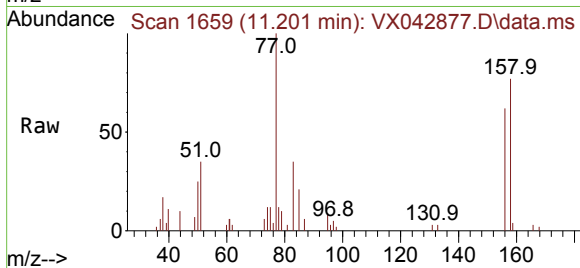
Tgt Ion:156 Resp: 2409

Ion Ratio Lower Upper

156 100

77 158.1 88.4 265.3

158 108.0 48.0 144.0



#78

n-propylbenzene

Concen: 0.877 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042877.D

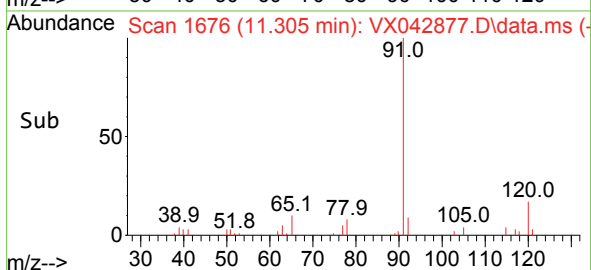
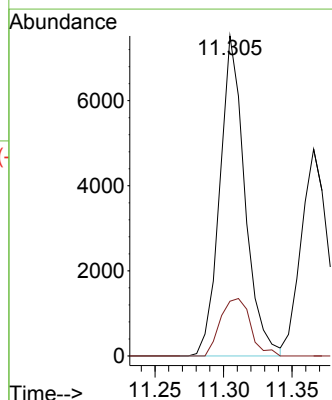
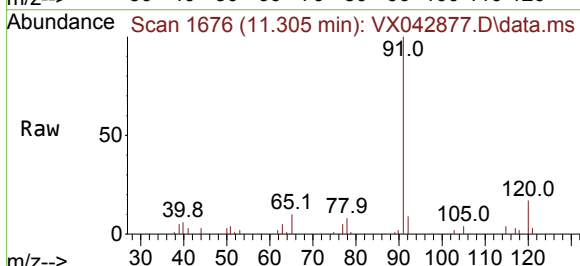
Acq: 06 Aug 2024 18:18

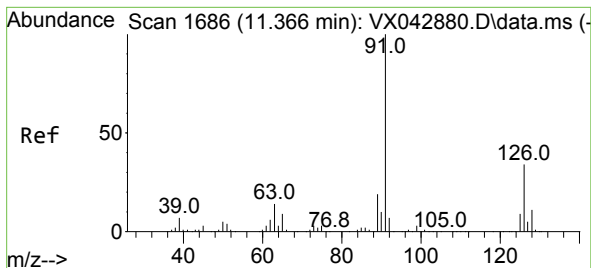
Tgt Ion: 91 Resp: 9566

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.991 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

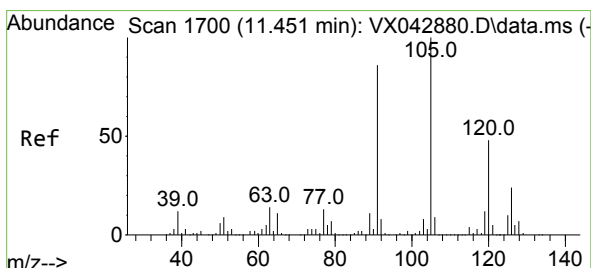
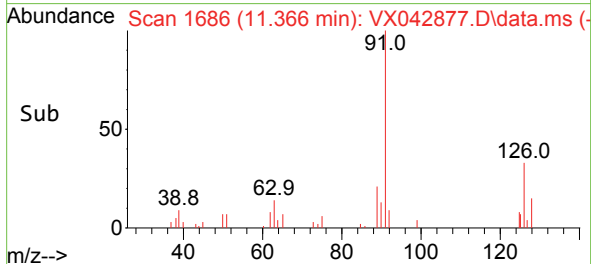
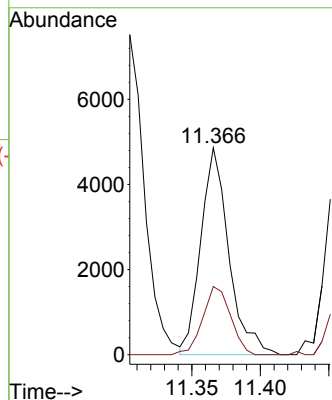
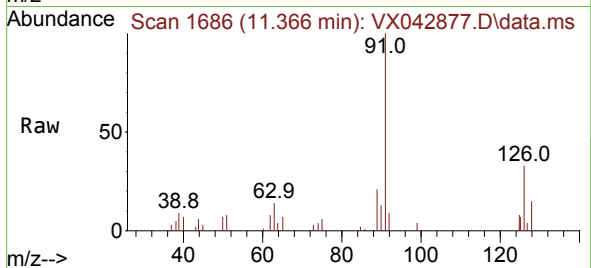
VSTDIC001

Tgt Ion: 91 Resp: 6935

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.871 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042877.D

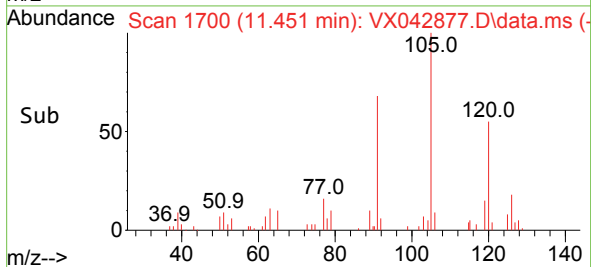
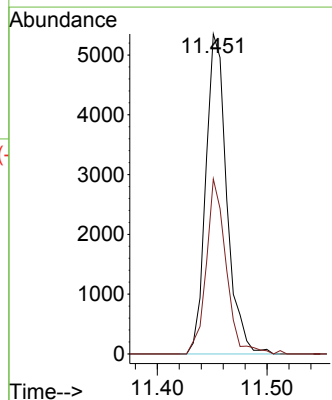
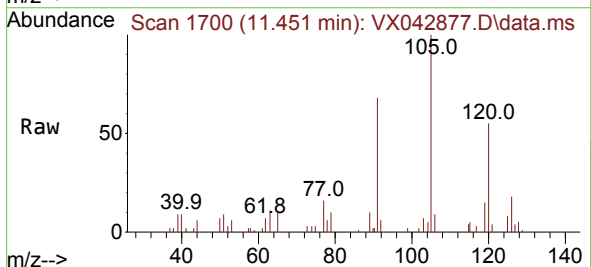
Acq: 06 Aug 2024 18:18

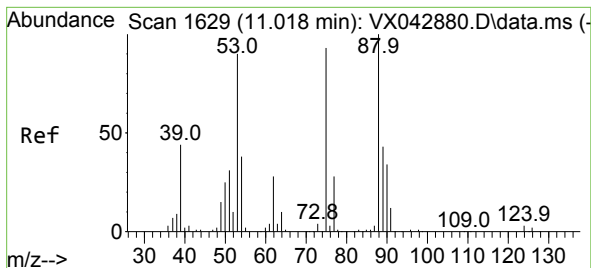
Tgt Ion: 105 Resp: 7087

Ion Ratio Lower Upper

105 100

120 52.0 24.1 72.3

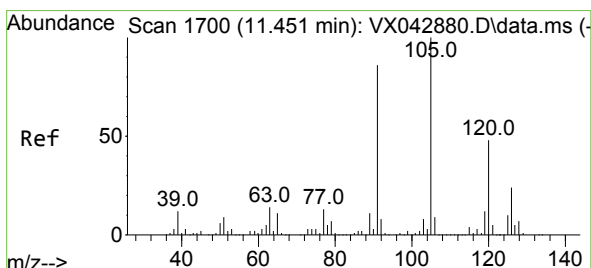
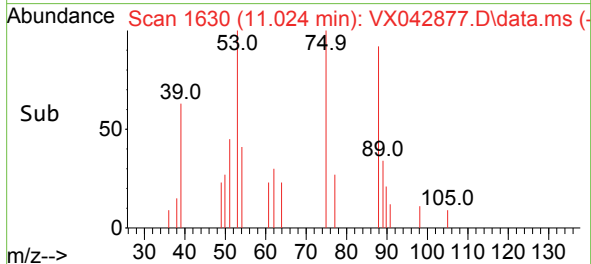
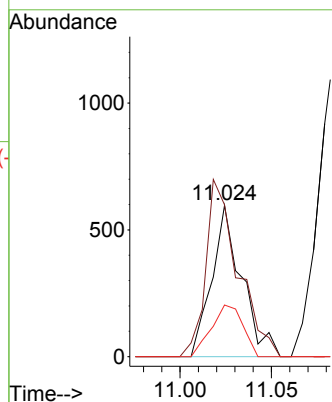
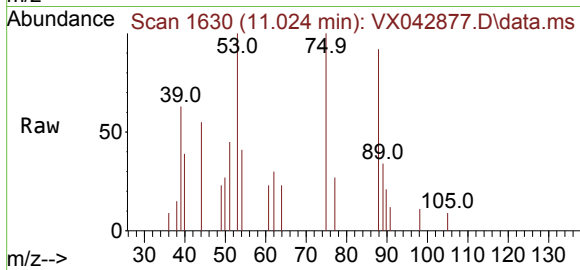




#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.723 ug/l
 RT: 11.024 min Scan# 1630
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

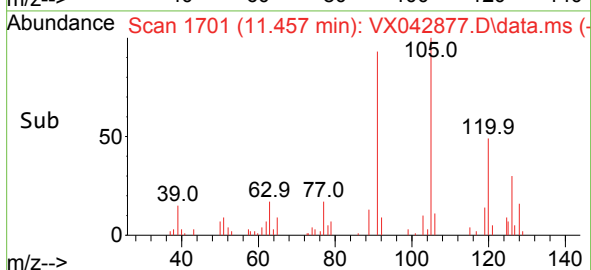
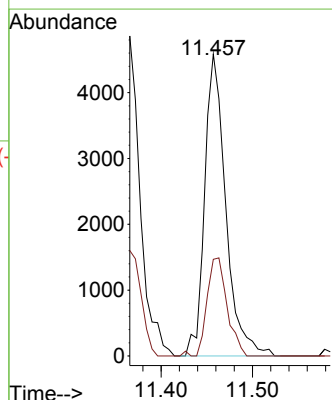
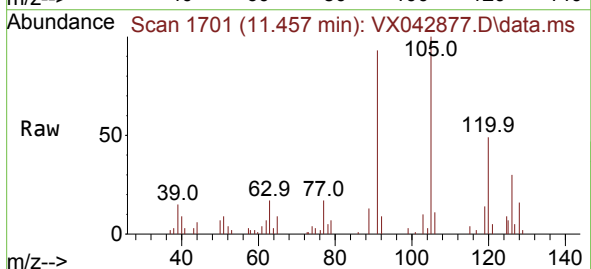
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

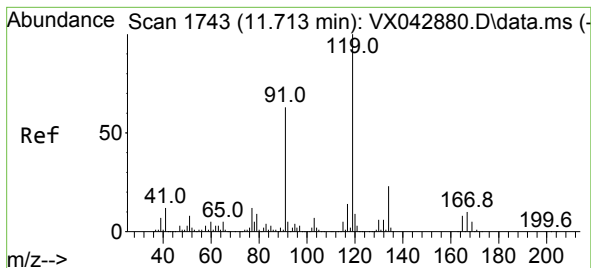
Tgt Ion: 75 Resp: 680
 Ion Ratio Lower Upper
 75 100
 53 125.4 90.5 135.7
 89 35.9 36.9 55.3#



#82
 4-Chlorotoluene
 Concen: 0.937 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 91 Resp: 7368
 Ion Ratio Lower Upper
 91 100
 126 30.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.959 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

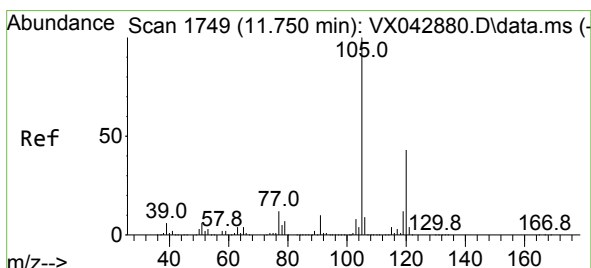
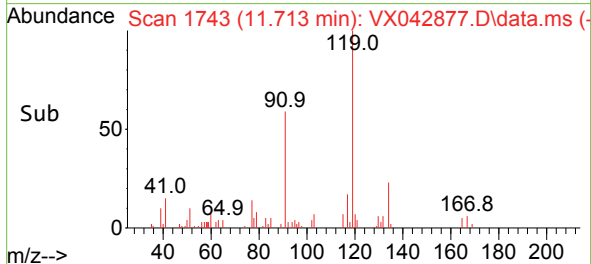
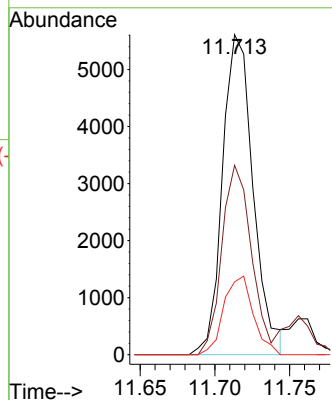
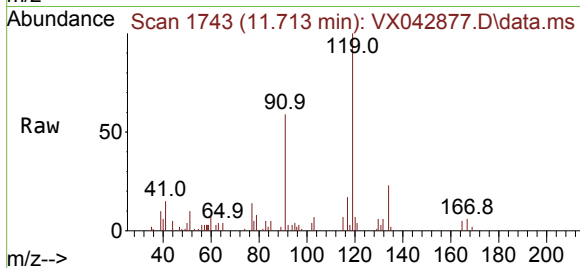
Tgt Ion:119 Resp: 8017

Ion Ratio Lower Upper

119 100

91 56.7 31.2 93.6

134 23.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.870 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042877.D

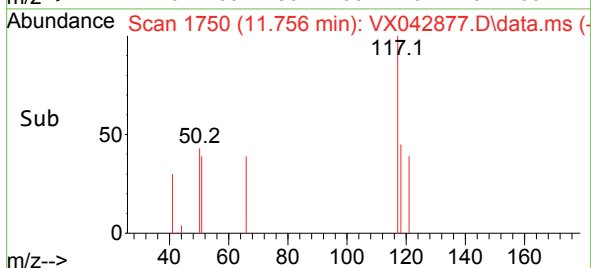
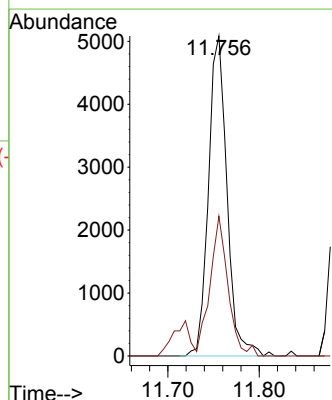
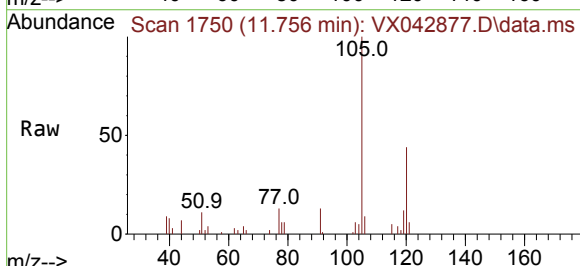
Acq: 06 Aug 2024 18:18

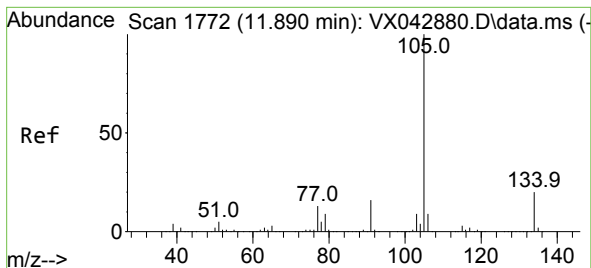
Tgt Ion:105 Resp: 7129

Ion Ratio Lower Upper

105 100

120 42.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.825 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

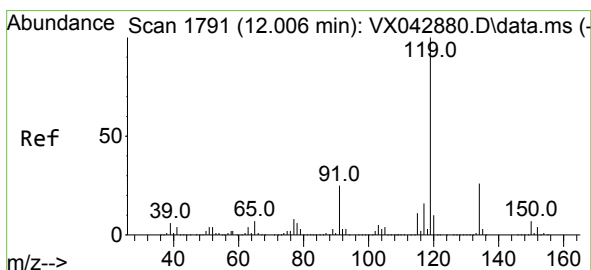
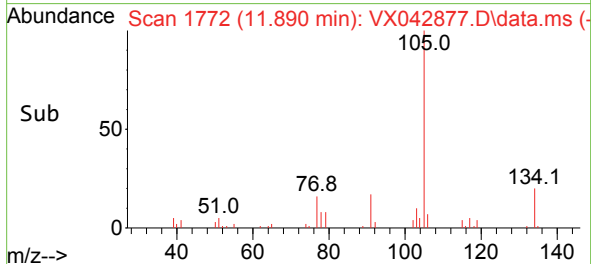
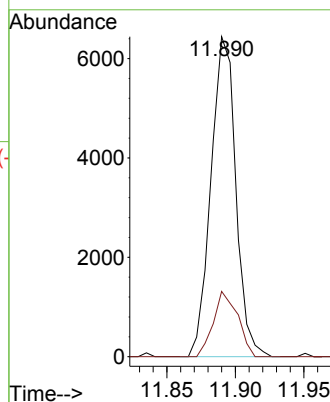
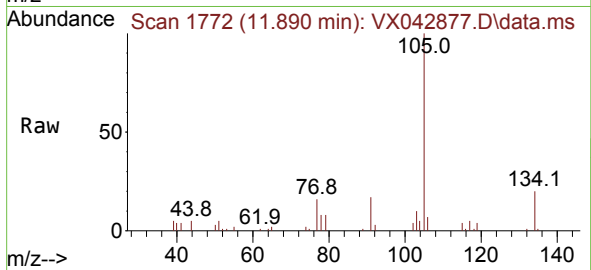
VSTDICC001

Tgt Ion:105 Resp: 8121

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.803 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

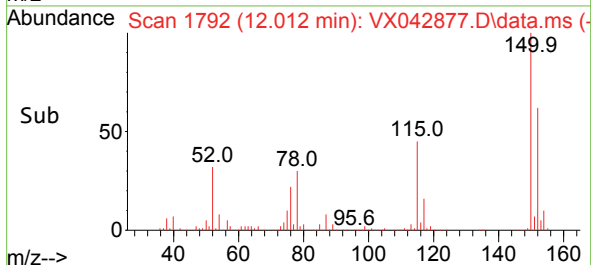
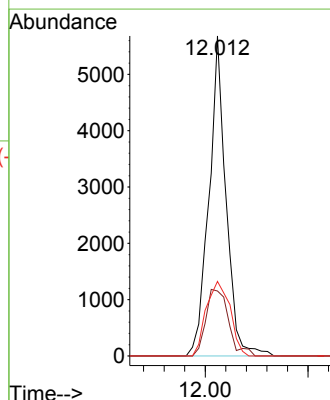
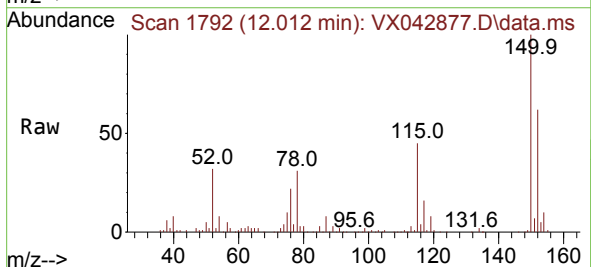
Tgt Ion:119 Resp: 6569

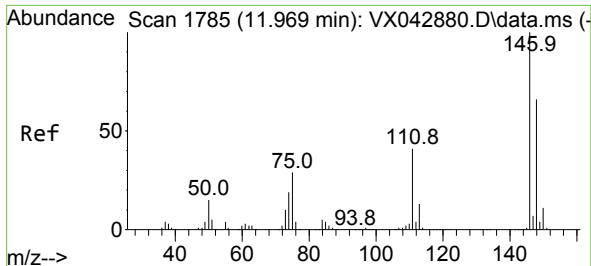
Ion Ratio Lower Upper

119 100

134 27.7 12.8 38.3

91 32.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.024 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

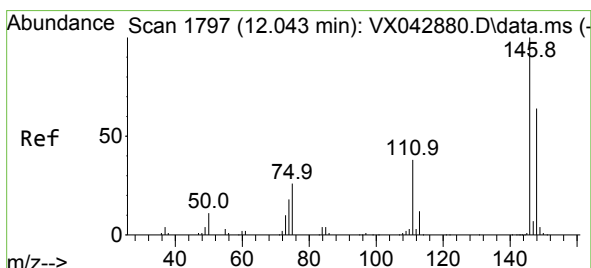
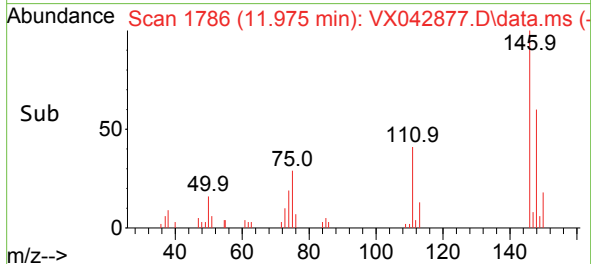
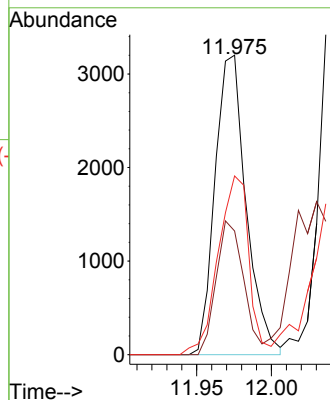
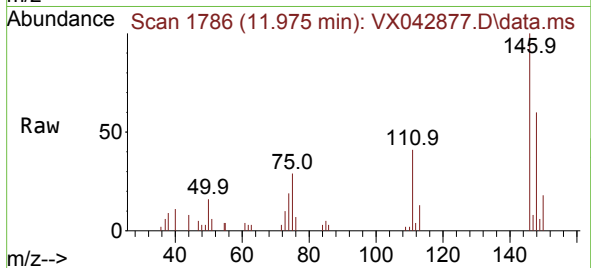
Tgt Ion:146 Resp: 4632

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

148 59.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.999 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

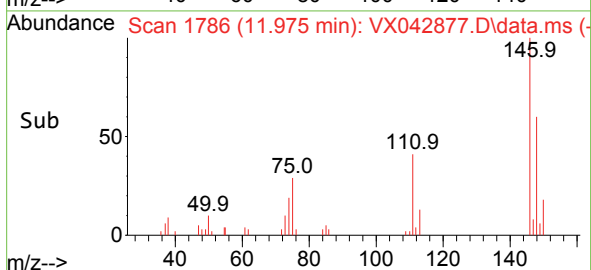
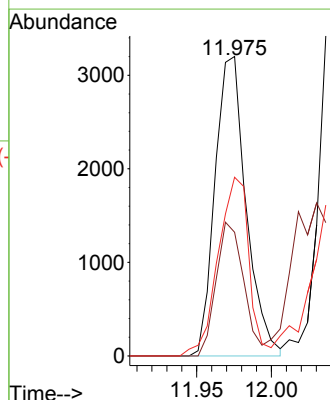
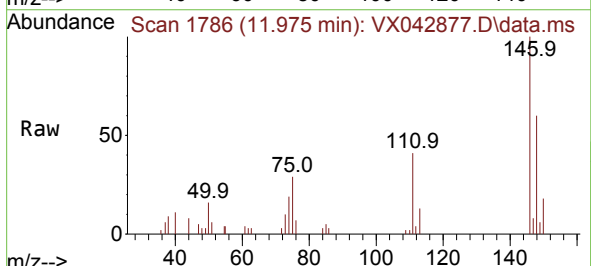
Tgt Ion:146 Resp: 4632

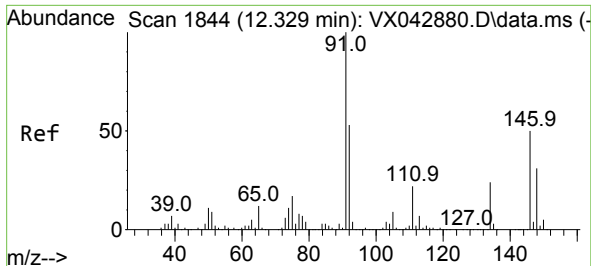
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 59.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.834 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

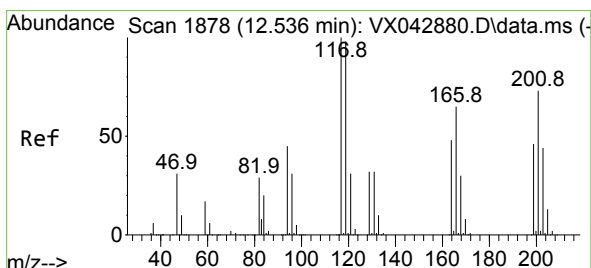
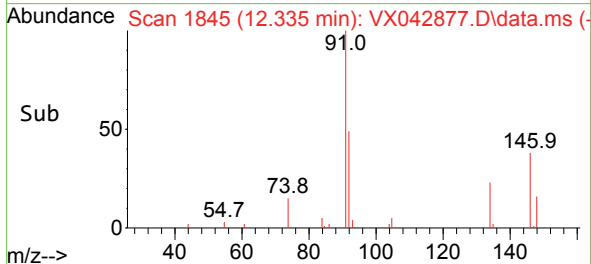
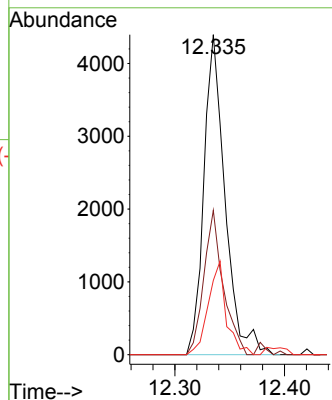
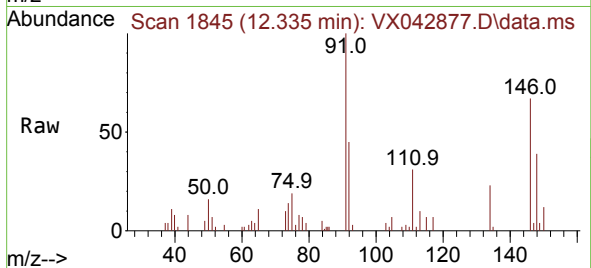
Tgt Ion: 91 Resp: 5887

Ion Ratio Lower Upper

91 100

92 41.3 27.4 82.0

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 0.983 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042877.D

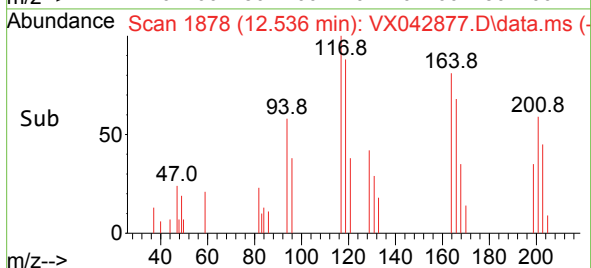
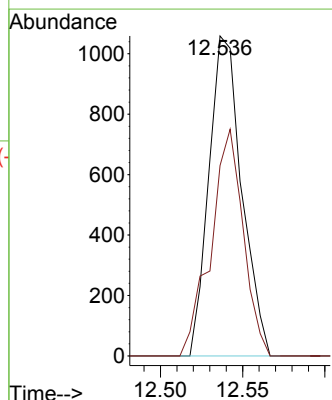
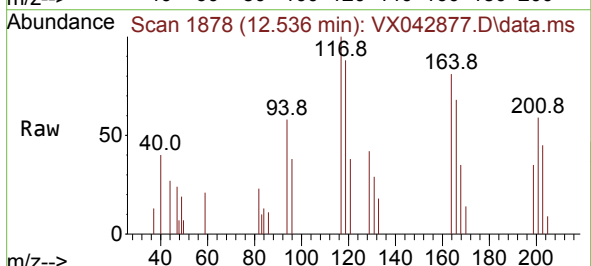
Acq: 06 Aug 2024 18:18

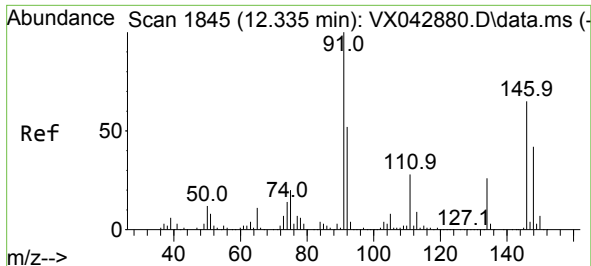
Tgt Ion: 117 Resp: 1471

Ion Ratio Lower Upper

117 100

201 69.9 32.9 98.6

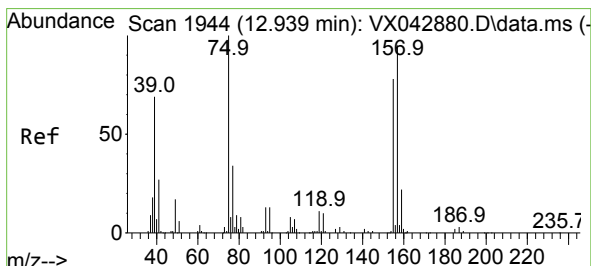
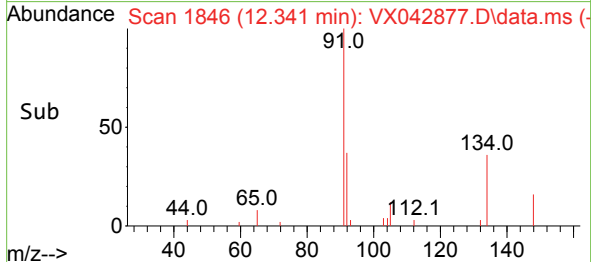
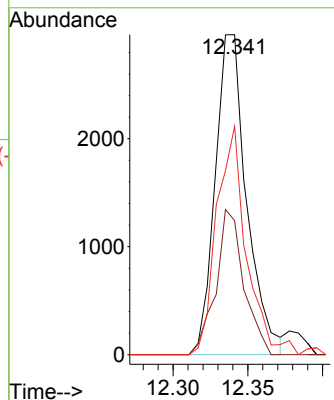
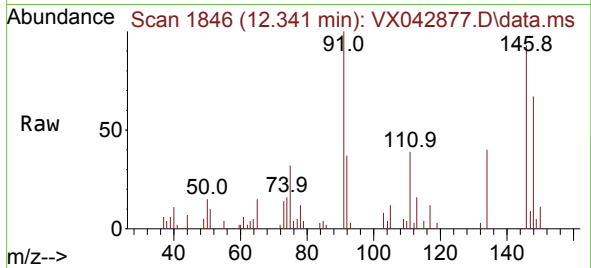




#91
 1,2-Dichlorobenzene
 Concen: 0.959 ug/l
 RT: 12.341 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

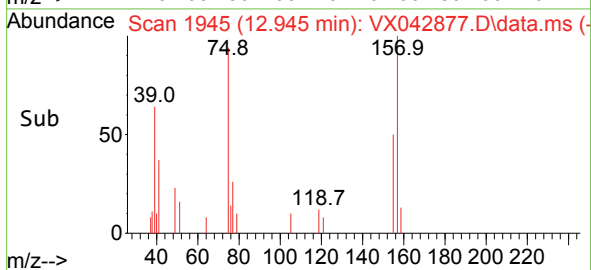
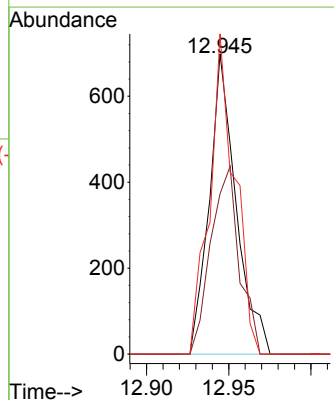
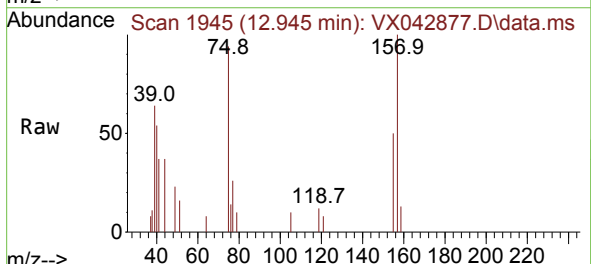
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

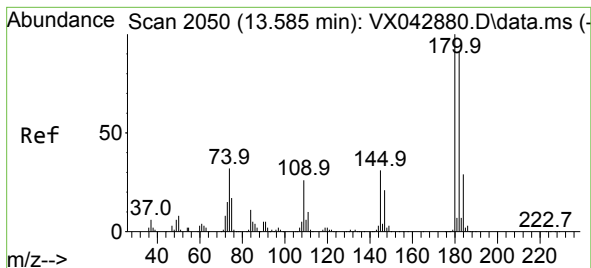
Tgt Ion:146 Resp: 4342
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.4 67.0
 148 68.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.000 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX042877.D
 Acq: 06 Aug 2024 18:18

Tgt Ion: 75 Resp: 791
 Ion Ratio Lower Upper
 75 100
 155 66.6 36.1 108.5
 157 100.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.985 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

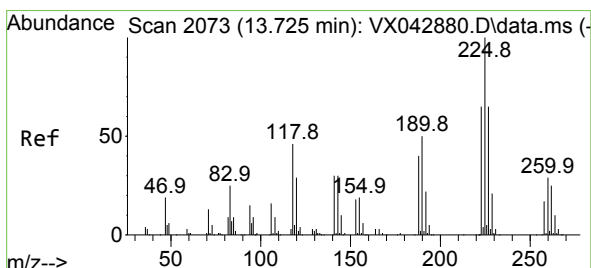
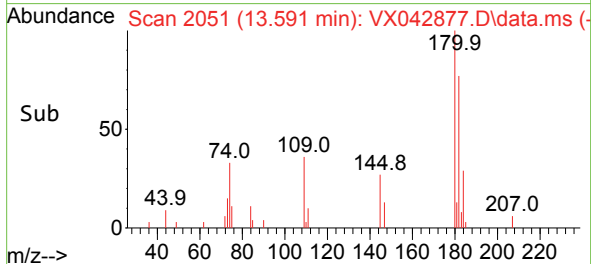
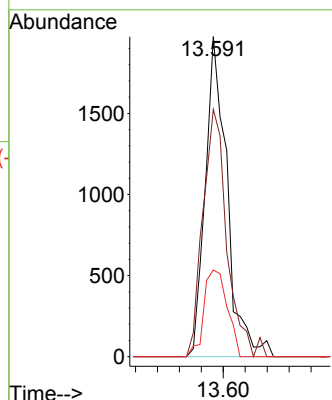
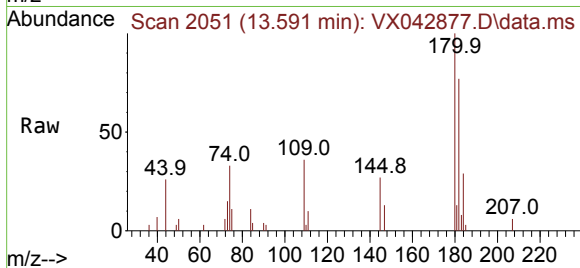
Tgt Ion:180 Resp: 2720

Ion Ratio Lower Upper

180 100

182 85.5 48.3 144.8

145 29.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.915 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

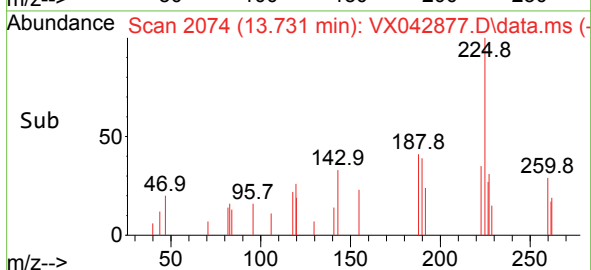
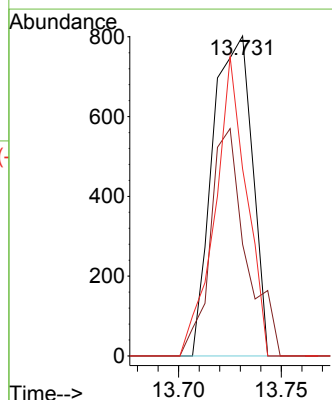
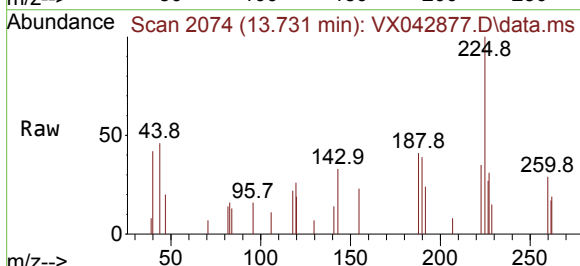
Tgt Ion:225 Resp: 1072

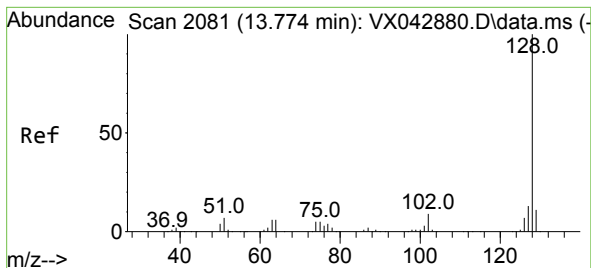
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.2

227 74.5 32.5 97.5





#95

Naphthalene

Concen: 0.853 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

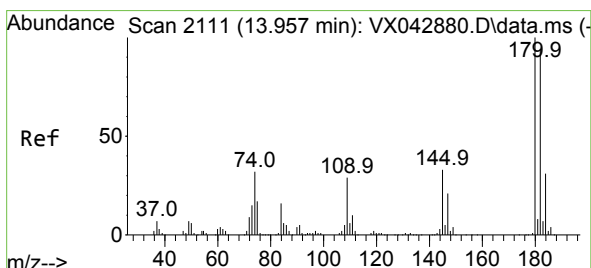
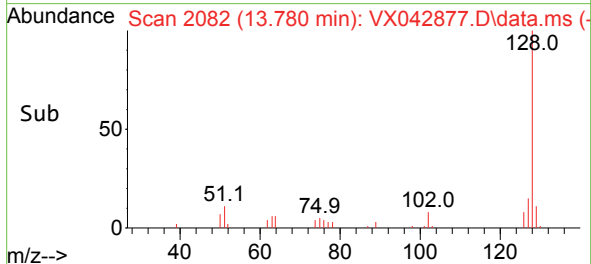
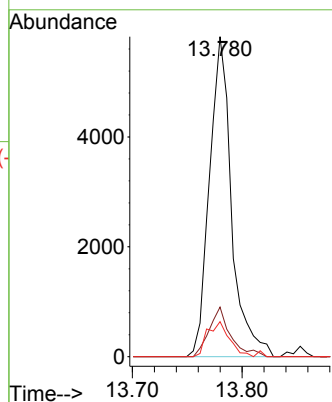
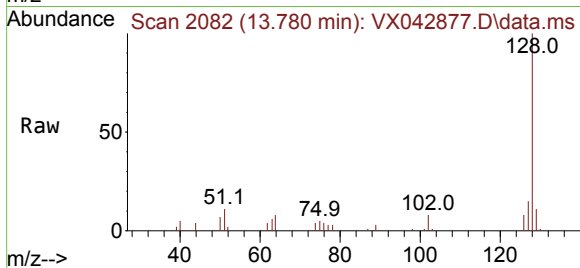
Tgt Ion:128 Resp: 8151

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.907 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX042877.D

Acq: 06 Aug 2024 18:18

Tgt Ion:180 Resp: 2521

Ion Ratio Lower Upper

180 100

182 99.2 46.9 140.6

145 39.2 17.8 53.5

