

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042878.D
 Acq On : 06 Aug 2024 18:41
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 07 02:36:59 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	5.550	168	244835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17770	5.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.580%#
35) Dibromofluoromethane	5.385	113	13733	5.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.180%#
50) Toluene-d8	8.653	98	49296	5.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	11.079	95	16652	4.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	12037	4.561	ug/l	95
3) Chloromethane	1.301	50	14037	4.882	ug/l	96
4) Vinyl Chloride	1.374	62	13763	5.045	ug/l	99
5) Bromomethane	1.599	94	8583	5.198	ug/l	99
6) Chloroethane	1.666	64	8116	5.222	ug/l	98
7) Trichlorofluoromethane	1.868	101	22117	5.213	ug/l	86
8) Diethyl Ether	2.136	74	8135	5.213	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	12912	4.840	ug/l	93
10) Methyl Iodide	2.441	142	11538	4.183	ug/l	94
11) Tert butyl alcohol	3.002	59	15332	22.933	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	13736	5.090	ug/l	83
13) Acrolein	2.239	56	16177	24.549	ug/l	98
14) Allyl chloride	2.654	41	21139	5.184	ug/l	97
15) Acrylonitrile	3.075	53	41825	24.511	ug/l	99
16) Acetone	2.398	43	34732	23.824	ug/l	95
17) Carbon Disulfide	2.502	76	29998	4.568	ug/l	95
18) Methyl Acetate	2.709	43	25080	5.425	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	45230	4.980	ug/l	98
20) Methylene Chloride	2.788	84	17180	4.821	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	13390	4.932	ug/l	96
22) Diisopropyl ether	3.770	45	44591	4.978	ug/l	88
23) Vinyl Acetate	3.727	43	244278	24.027	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26211	5.088	ug/l	99
25) 2-Butanone	4.581	43	56576	24.712	ug/l	99
26) 2,2-Dichloropropane	4.477	77	15351	4.847	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	16317	5.068	ug/l	90
28) Bromochloromethane	4.904	49	11092	5.611	ug/l	91
29) Tetrahydrofuran	5.019	42	39137	25.298	ug/l	98
30) Chloroform	5.093	83	26518	4.917	ug/l	92
31) Cyclohexane	5.458	56	19991	4.753	ug/l #	95
32) 1,1,1-Trichloroethane	5.385	97	22944	4.832	ug/l	97
36) 1,1-Dichloropropene	5.690	75	18183	4.973	ug/l	96
37) Ethyl Acetate	4.739	43	21096	4.611	ug/l	96
38) Carbon Tetrachloride	5.678	117	19163	4.642	ug/l	92
39) Methylcyclohexane	7.379	83	20473	4.710	ug/l	97
40) Benzene	6.038	78	57360	5.054	ug/l	94

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 07 02:36:59 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11625	4.933	ug/l	93
42) 1,2-Dichloroethane	6.086	62	20840	5.049	ug/l	97
43) Isopropyl Acetate	6.355	43	32678	4.830	ug/l	96
44) Trichloroethene	7.135	130	14308	5.018	ug/l	91
45) 1,2-Dichloropropane	7.434	63	14171	4.922	ug/l	97
46) Dibromomethane	7.586	93	10502	4.967	ug/l	92
47) Bromodichloromethane	7.824	83	18759	4.776	ug/l	91
48) Methyl methacrylate	7.702	41	15292	4.713	ug/l	95
49) 1,4-Dioxane	7.678	88	4986	75.765	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	113397	25.020	ug/l	100
52) Toluene	8.720	92	34491	5.010	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	16090	4.431	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	19288	4.810	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	13987	4.998	ug/l #	83
56) Ethyl methacrylate	9.122	69	20632	4.582	ug/l	98
57) 1,3-Dichloropropane	9.311	76	23024	5.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	50594	23.838	ug/l	98
59) 2-Hexanone	9.433	43	85864	24.449	ug/l	100
60) Dibromochloromethane	9.525	129	14068	4.576	ug/l	99
61) 1,2-Dibromoethane	9.610	107	14521	4.911	ug/l	99
64) Tetrachloroethene	9.275	164	12177	4.821	ug/l	97
65) Chlorobenzene	10.080	112	37836	4.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	12659	4.763	ug/l	95
67) Ethyl Benzene	10.195	91	60589	4.673	ug/l	97
68) m/p-Xylenes	10.305	106	46292	9.352	ug/l	99
69) o-Xylene	10.640	106	23228	4.684	ug/l	94
70) Styrene	10.659	104	36515	4.579	ug/l	95
71) Bromoform	10.799	173	9126	4.946	ug/l #	97
73) Isopropylbenzene	10.964	105	59234	5.130	ug/l	100
74) N-amyl acetate	10.848	43	24889	4.791	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	22395	5.294	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22509	6.425	ug/l	91
77) Bromobenzene	11.201	156	15463	5.265	ug/l	88
78) n-propylbenzene	11.305	91	63321	4.937	ug/l	99
79) 2-Chlorotoluene	11.366	91	42601	5.182	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	48330	5.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4290	3.884	ug/l #	82
82) 4-Chlorotoluene	11.457	91	46194	4.999	ug/l	99
83) tert-Butylbenzene	11.713	119	48301	4.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	46653	4.847	ug/l	96
85) sec-Butylbenzene	11.890	105	57699	4.987	ug/l	99
86) p-Isopropyltoluene	12.006	119	46352	4.822	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	26290	4.946	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	27597	5.065	ug/l	97
89) n-Butylbenzene	12.335	91	37502	4.522	ug/l	93
90) Hexachloroethane	12.543	117	8073	4.591	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	27366	5.141	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4208	4.527	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	15026	4.628	ug/l	93
94) Hexachlorobutadiene	13.725	225	6793	4.933	ug/l	98
95) Naphthalene	13.774	128	52181	4.644	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	15235	4.661	ug/l	99

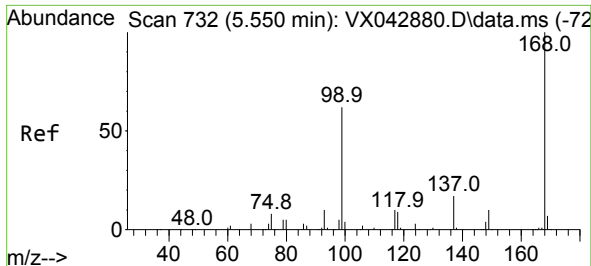
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
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Operator : JC/MD
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Instrument :
MSVOA_X
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Response via : Initial Calibration

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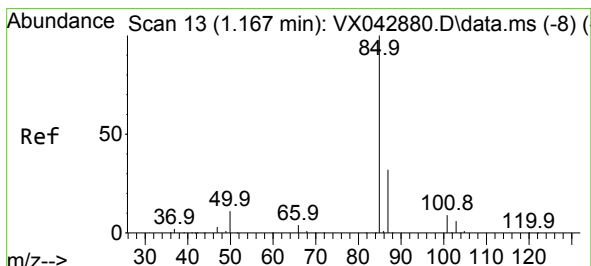
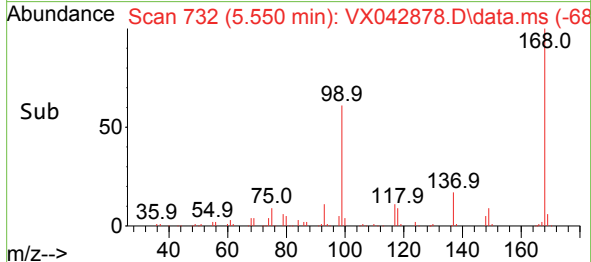
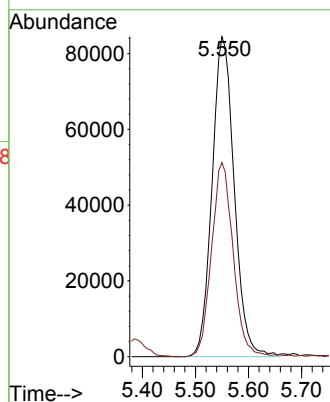
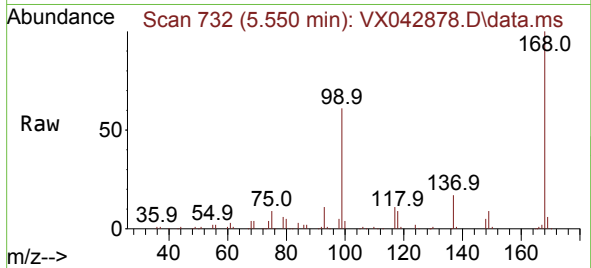
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042878.D
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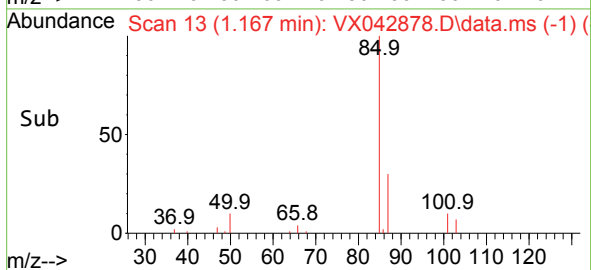
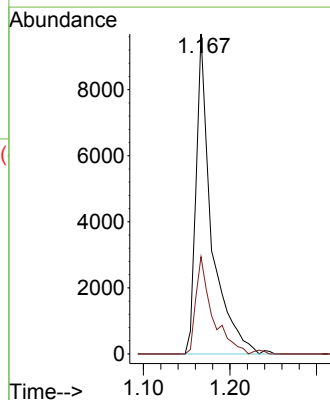
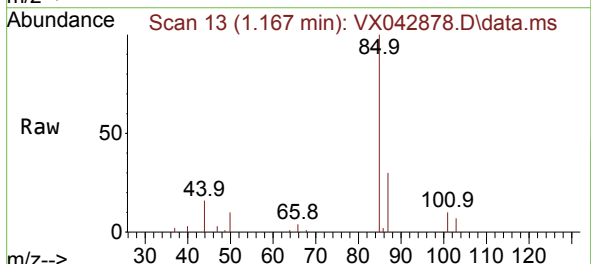
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

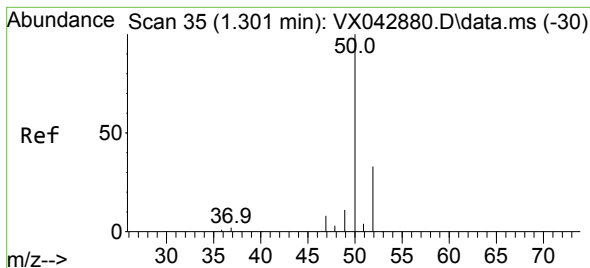
Tgt Ion:168 Resp: 244835
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.561 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 85 Resp: 12037
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





#3

Chloromethane

Concen: 4.882 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

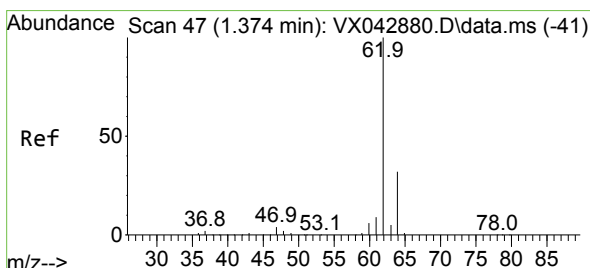
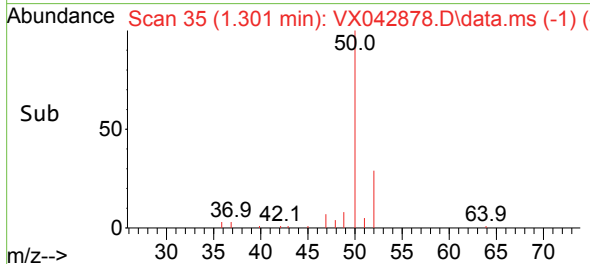
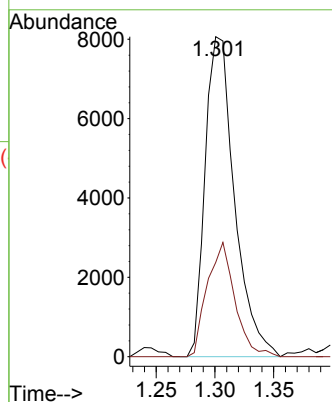
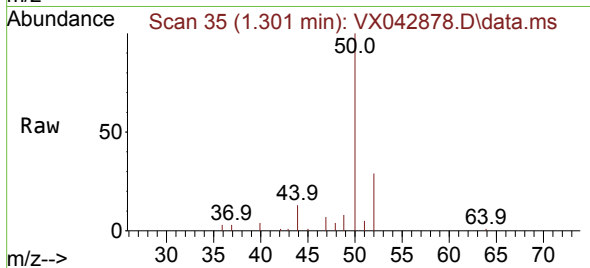
VSTDIC005

Tgt Ion: 50 Resp: 14037

Ion Ratio Lower Upper

50 100

52 29.4 25.5 38.3



#4

Vinyl Chloride

Concen: 5.045 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042878.D

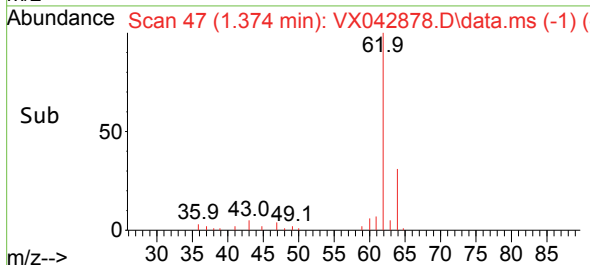
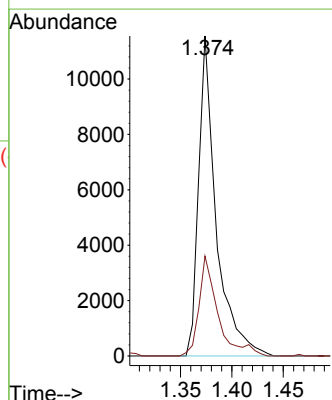
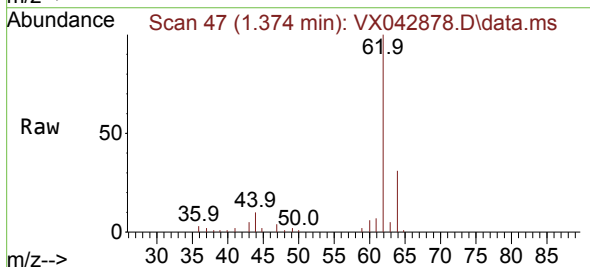
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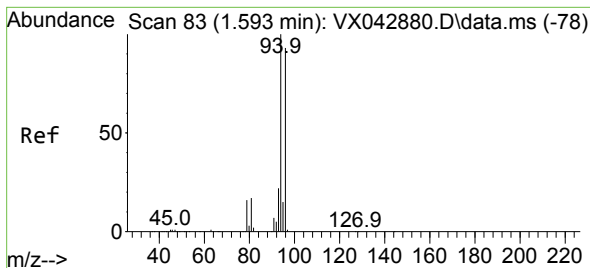
Tgt Ion: 62 Resp: 13763

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 5.198 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

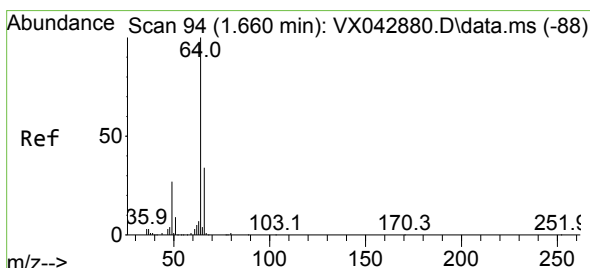
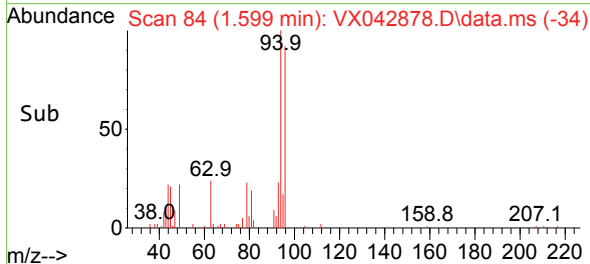
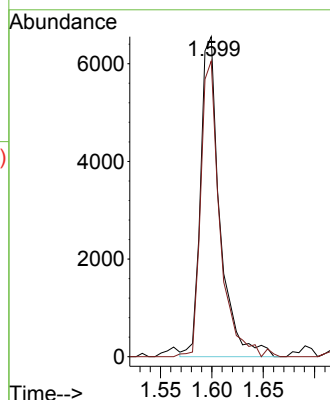
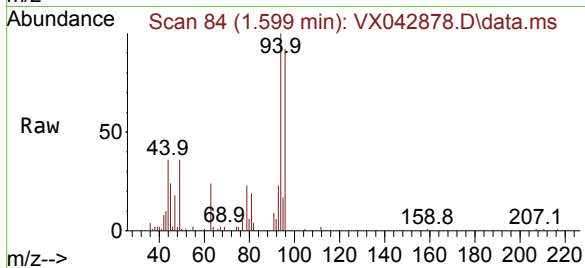
VSTDICC005

Tgt Ion: 94 Resp: 8583

Ion Ratio Lower Upper

94 100

96 92.4 74.6 111.8



#6

Chloroethane

Concen: 5.222 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX042878.D

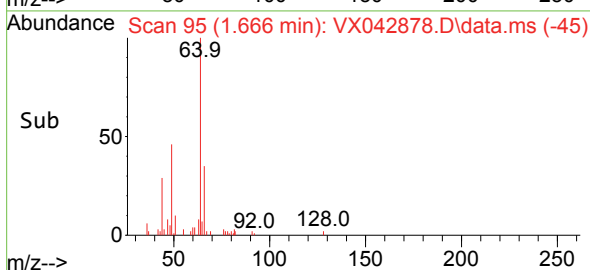
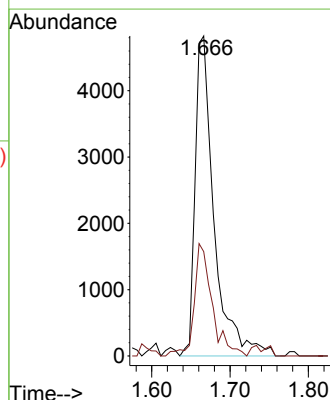
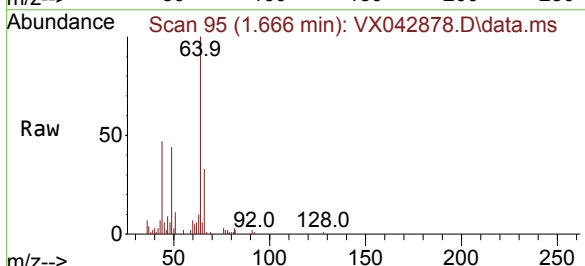
Acq: 06 Aug 2024 18:41

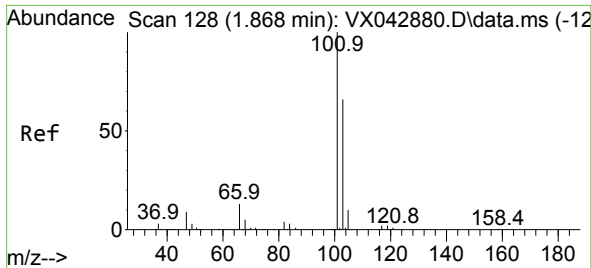
Tgt Ion: 64 Resp: 8116

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7

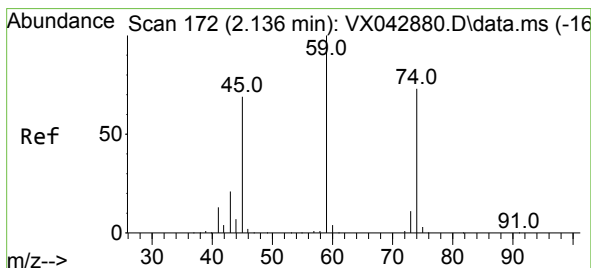
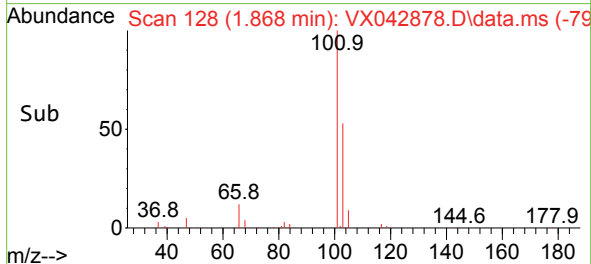
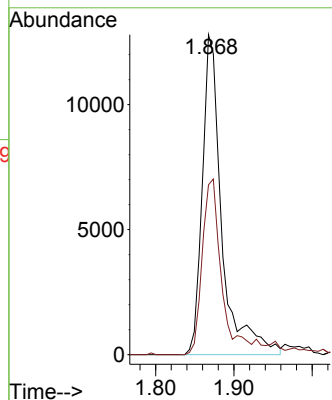
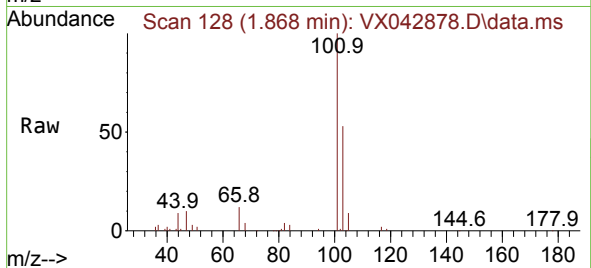




#7
Trichlorofluoromethane
Concen: 5.213 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

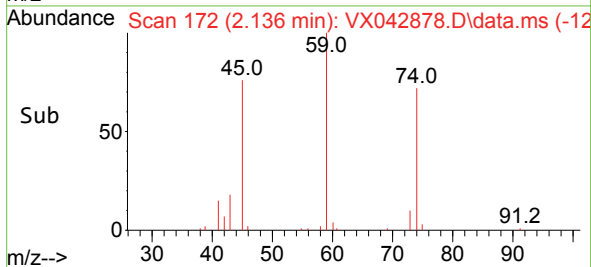
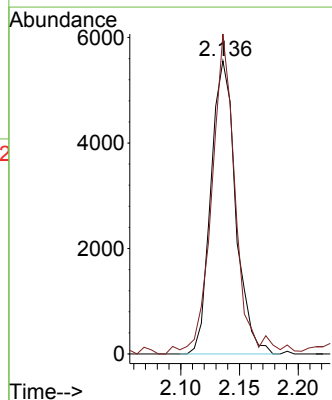
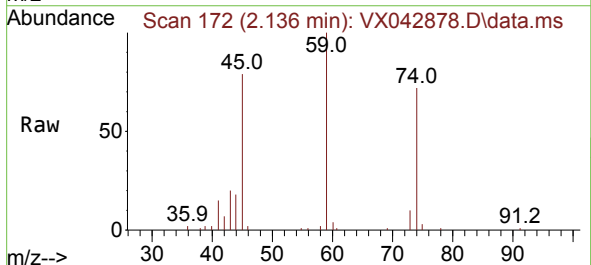
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

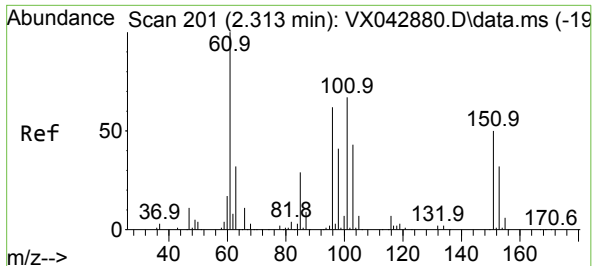
Tgt Ion:101 Resp: 22117
Ion Ratio Lower Upper
101 100
103 53.1 51.4 77.2



#8
Diethyl Ether
Concen: 5.213 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 74 Resp: 8135
Ion Ratio Lower Upper
74 100
45 105.0 53.3 159.8

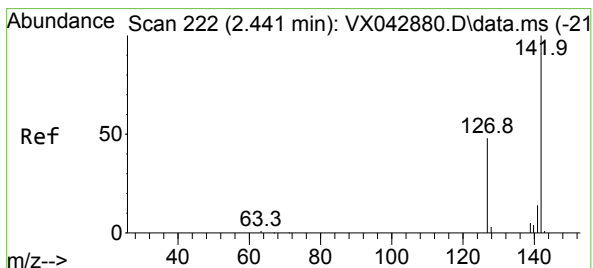
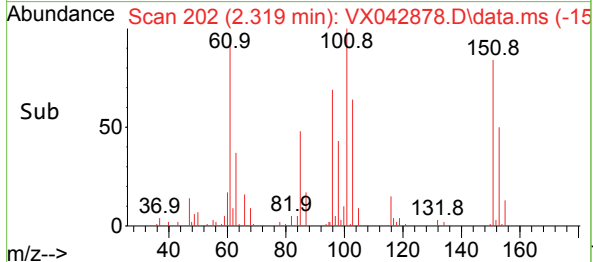
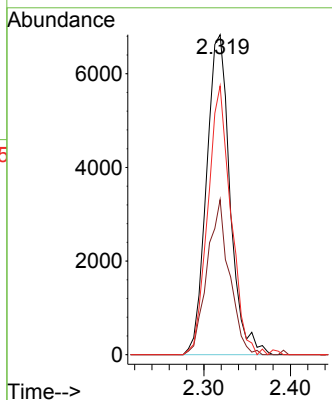
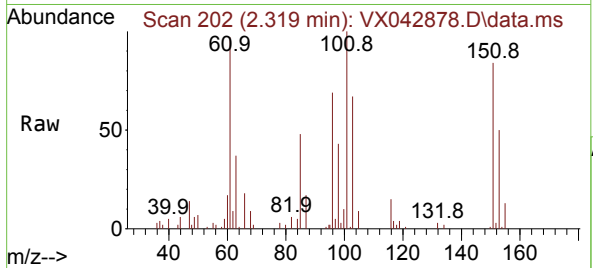




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.840 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

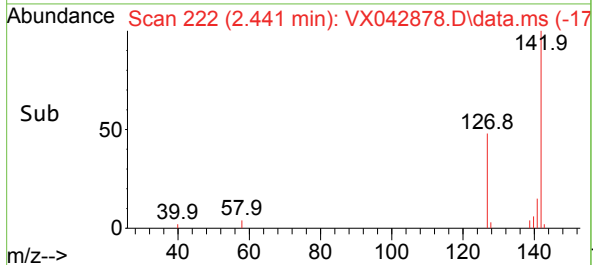
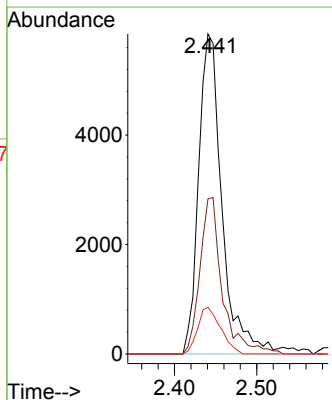
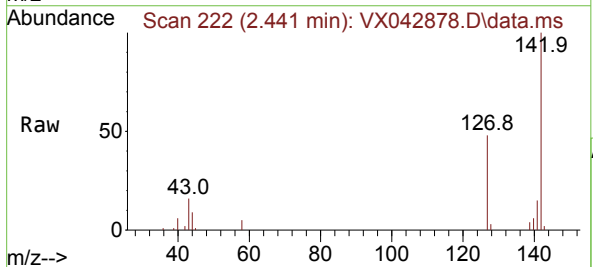
Instrument :
MSVOA_X
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VSTDIC005

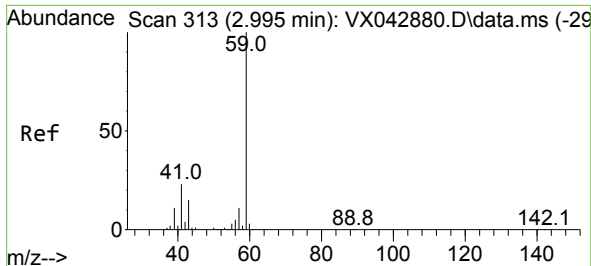
Tgt Ion:101 Resp: 12912
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 82.1 58.6 87.8



#10
Methyl Iodide
Concen: 4.183 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:142 Resp: 11538
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 22.933 ug/l

RT: 3.002 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

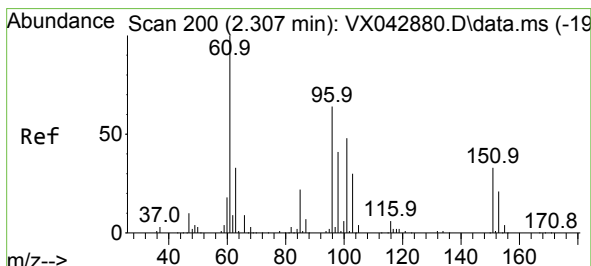
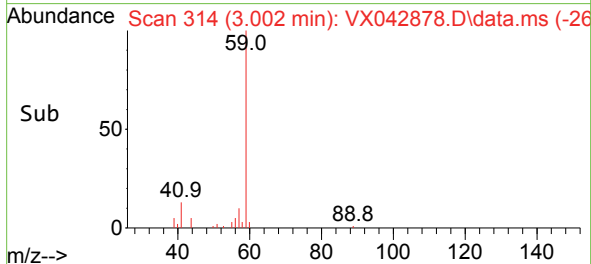
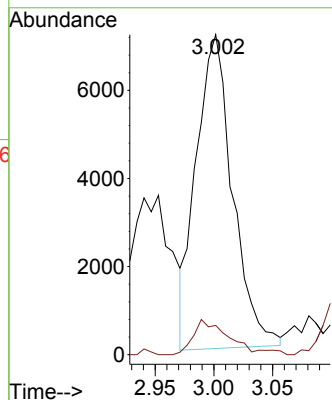
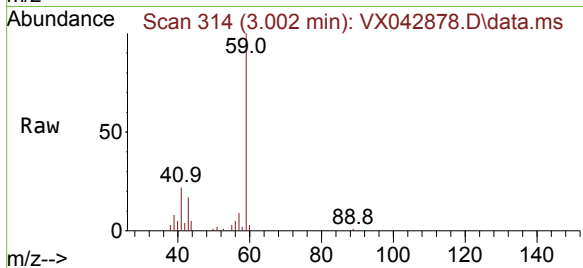
VSTDIC005

Tgt Ion: 59 Resp: 15332

Ion Ratio Lower Upper

59 100

57 10.7 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 5.090 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

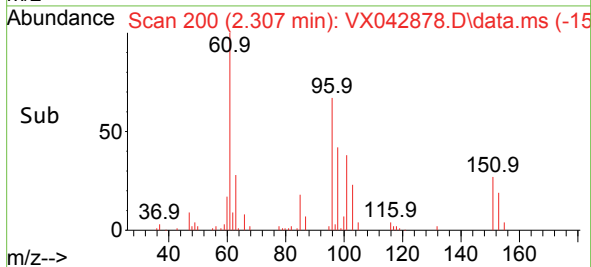
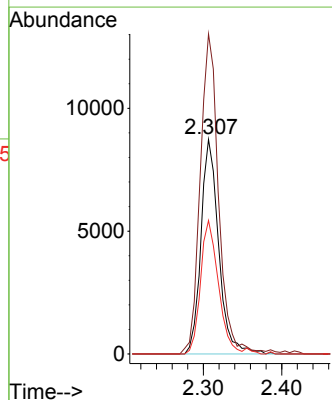
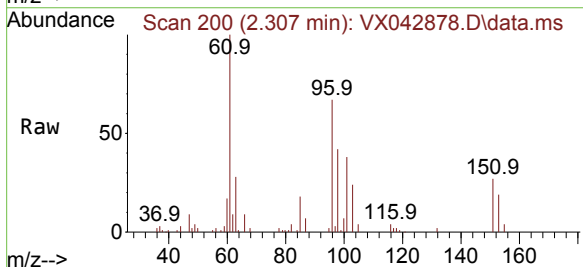
Tgt Ion: 96 Resp: 13736

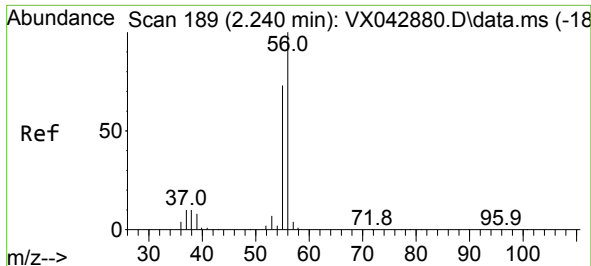
Ion Ratio Lower Upper

96 100

61 149.1 144.6 216.8

98 62.2 50.4 75.6





#13

Acrolein

Concen: 24.549 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

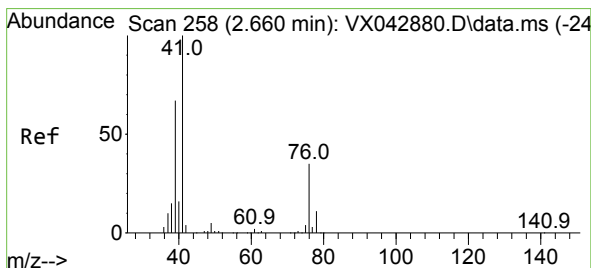
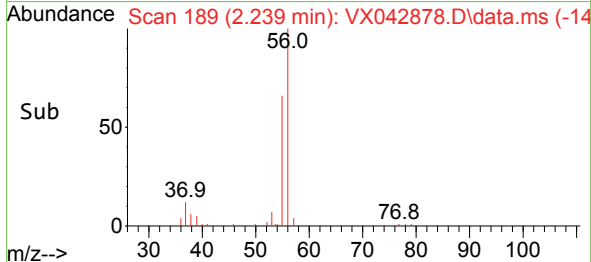
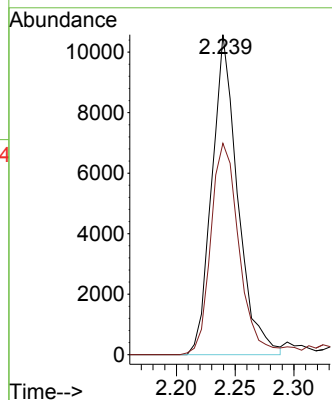
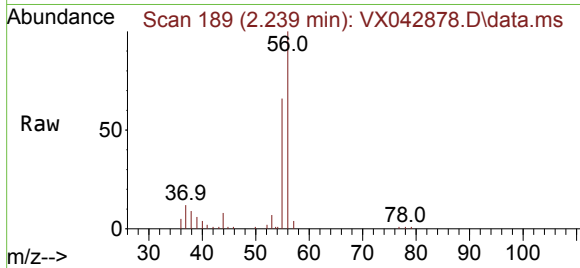
VSTDICC005

Tgt Ion: 56 Resp: 16177

Ion Ratio Lower Upper

56 100

55 73.4 57.1 85.7



#14

Allyl chloride

Concen: 5.184 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

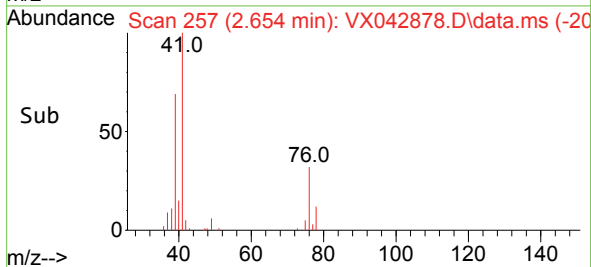
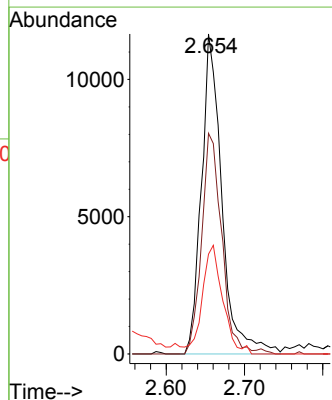
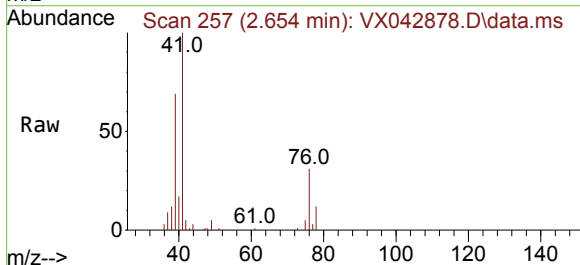
Tgt Ion: 41 Resp: 21139

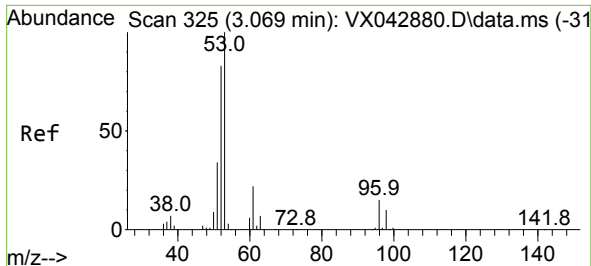
Ion Ratio Lower Upper

41 100

39 68.0 55.8 83.6

76 33.8 24.3 36.5

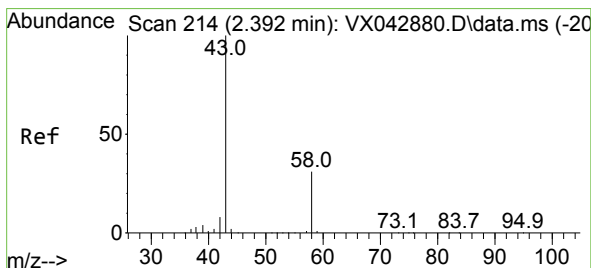
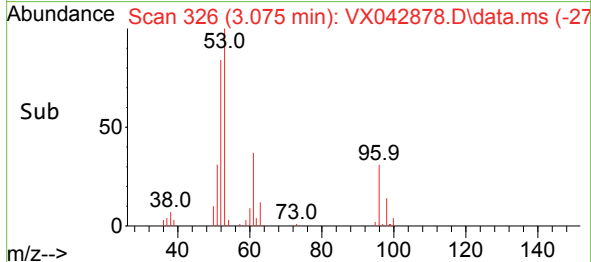
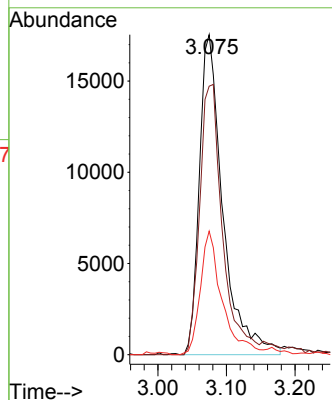
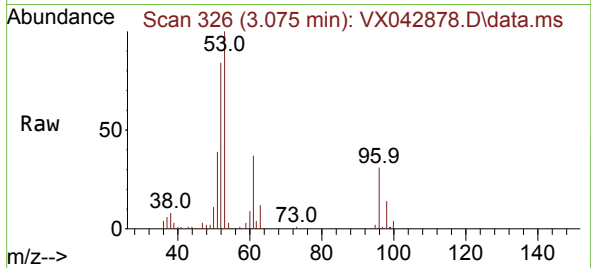




#15
Acrylonitrile
Concen: 24.511 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

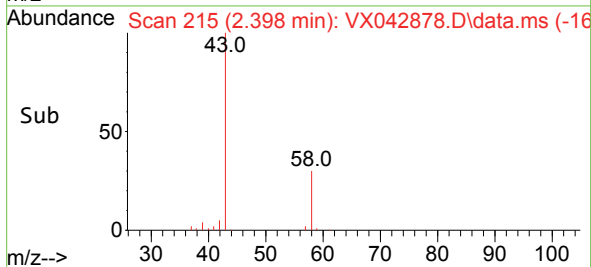
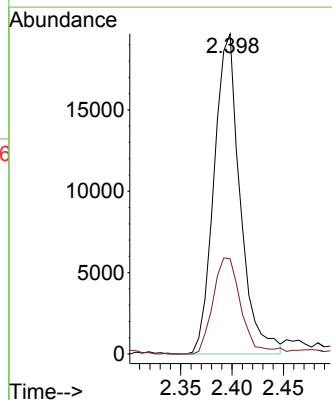
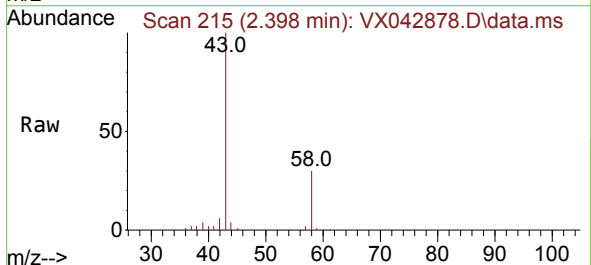
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

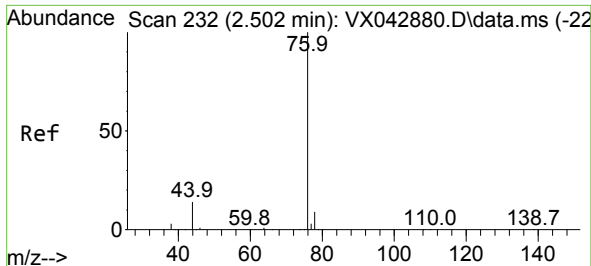
Tgt Ion: 53 Resp: 41825
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 23.824 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 43 Resp: 34732
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9

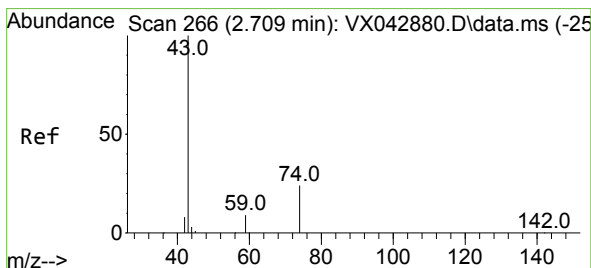
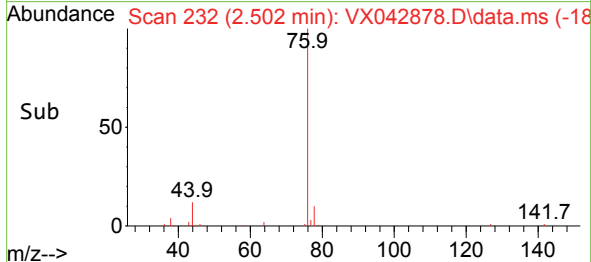
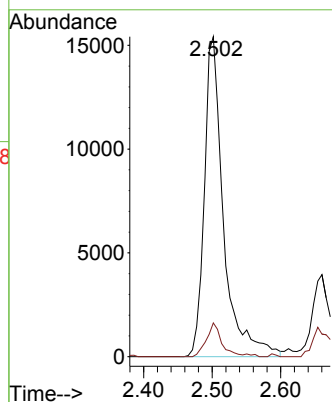
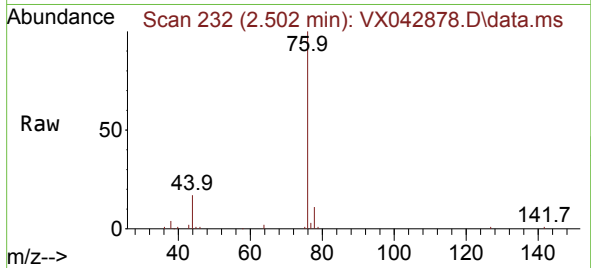




#17
Carbon Disulfide
Concen: 4.568 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

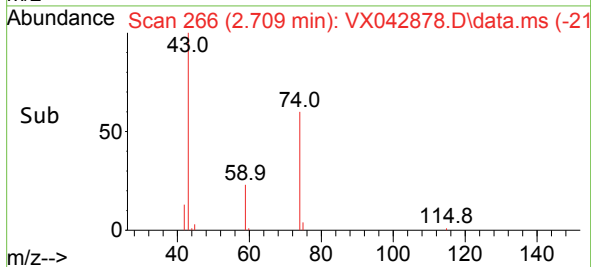
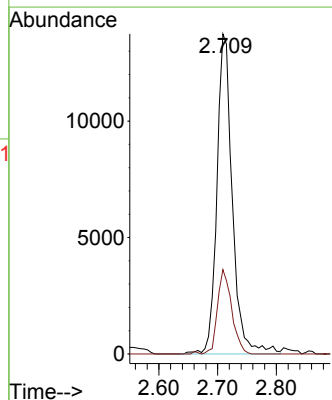
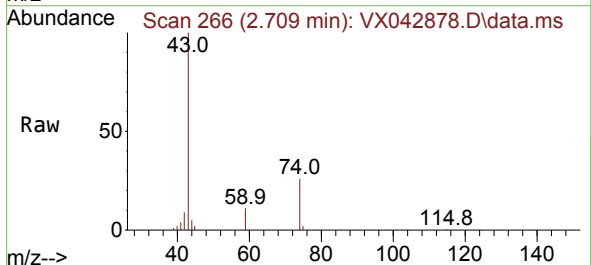
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

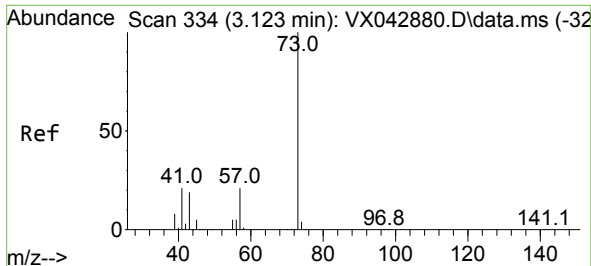
Tgt Ion: 76 Resp: 29998
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



#18
Methyl Acetate
Concen: 5.425 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 43 Resp: 25080
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8

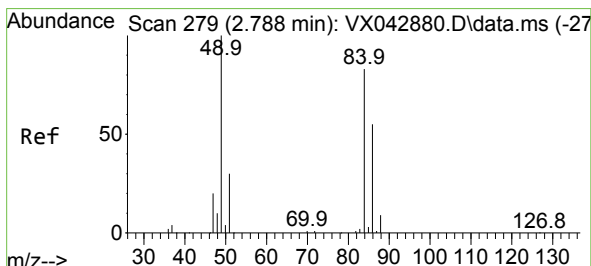
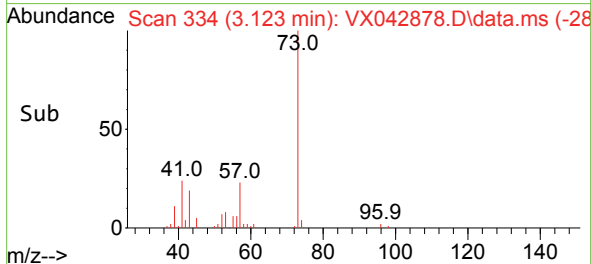
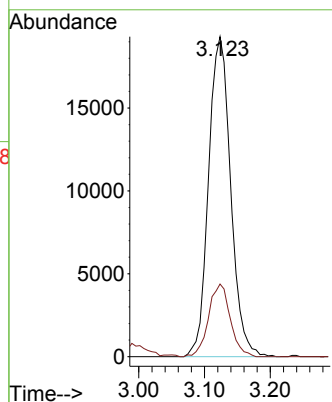
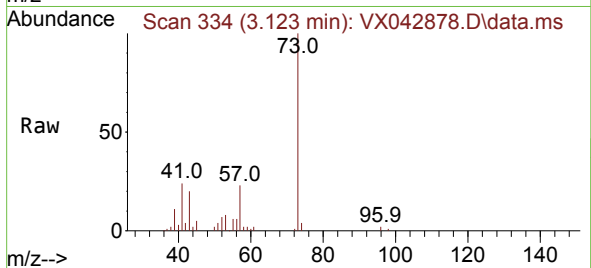




#19
Methyl tert-butyl Ether
Concen: 4.980 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

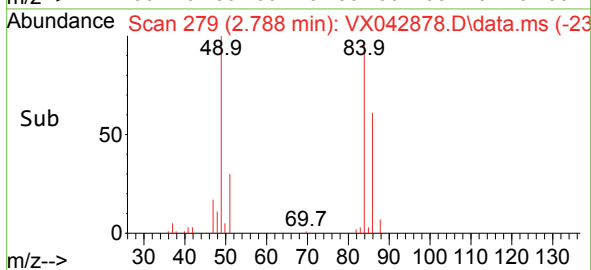
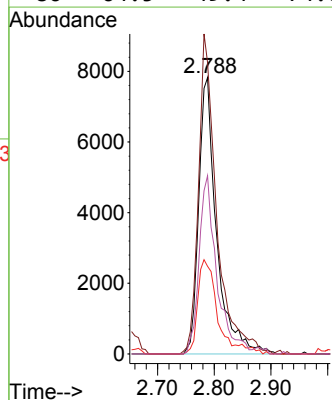
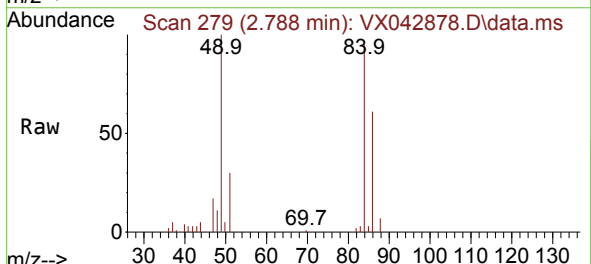
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

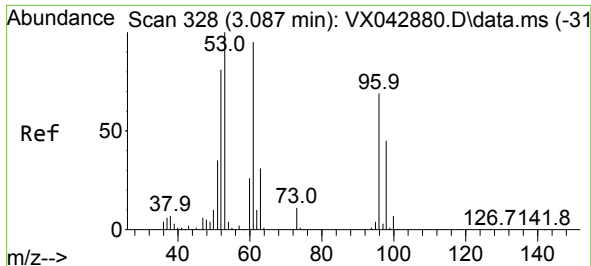
Tgt Ion: 73 Resp: 45230
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 4.821 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 84 Resp: 17180
Ion Ratio Lower Upper
84 100
49 105.4 103.6 155.4
51 31.7 33.8 50.6#
86 64.5 49.4 74.0

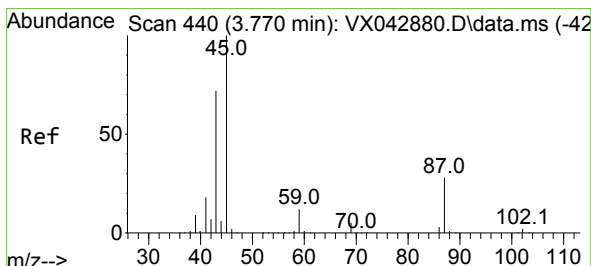
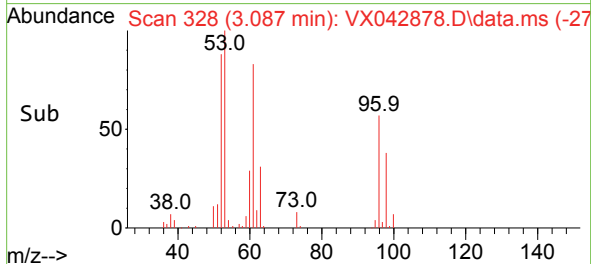
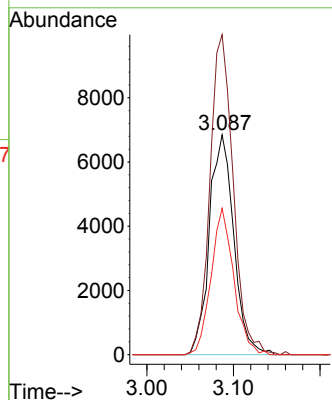
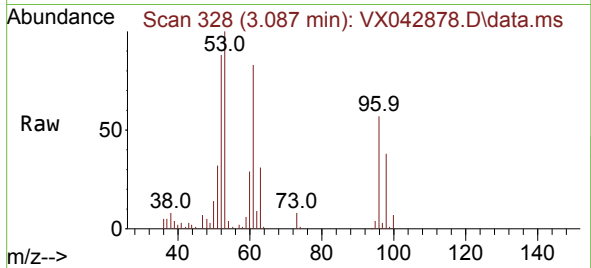




#21
trans-1,2-Dichloroethene
Concen: 4.932 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

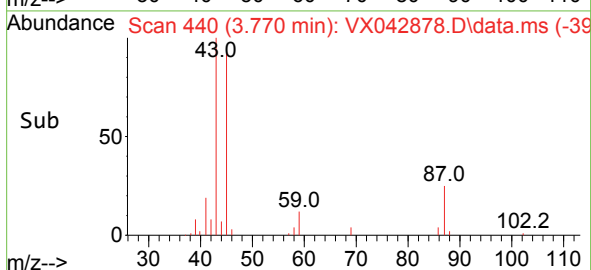
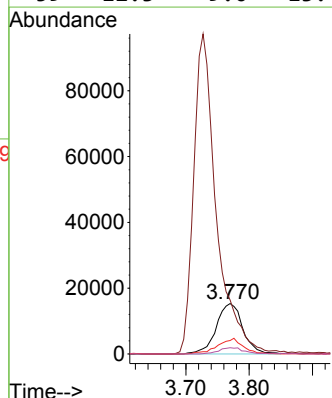
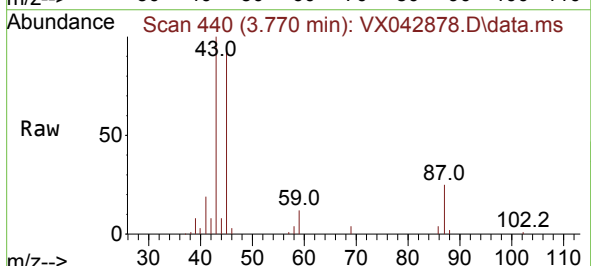
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

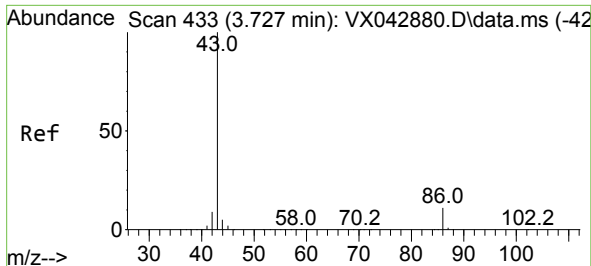
Tgt Ion: 96 Resp: 13390
Ion Ratio Lower Upper
96 100
61 145.5 119.2 178.8
98 66.5 48.7 73.1



#22
Diisopropyl ether
Concen: 4.978 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 45 Resp: 44591
Ion Ratio Lower Upper
45 100
43 102.6 69.7 104.5
87 26.8 20.8 31.2
59 12.3 9.0 13.4

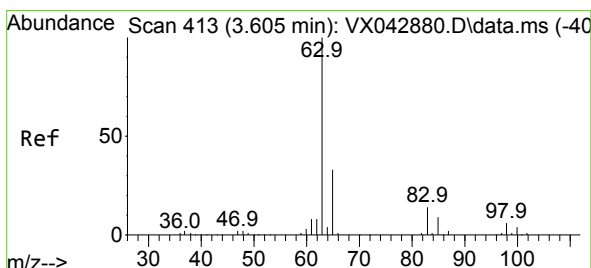
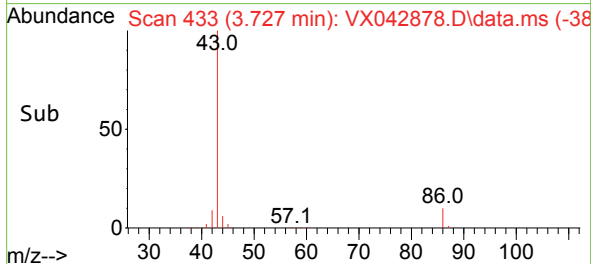
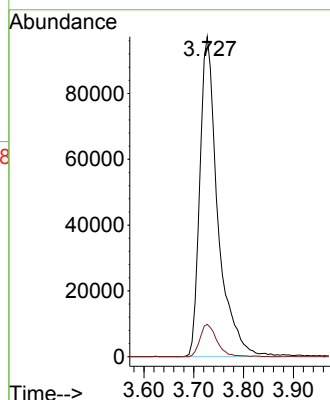
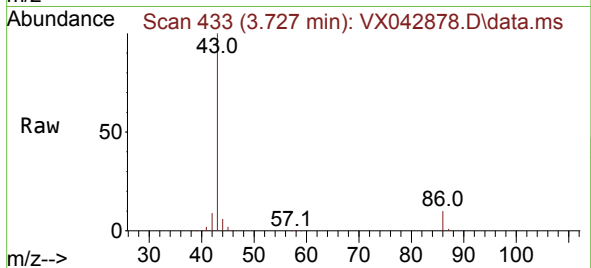




#23
 Vinyl Acetate
 Concen: 24.027 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

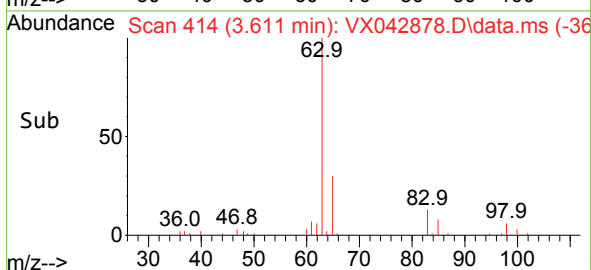
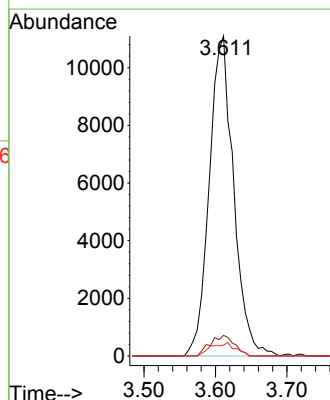
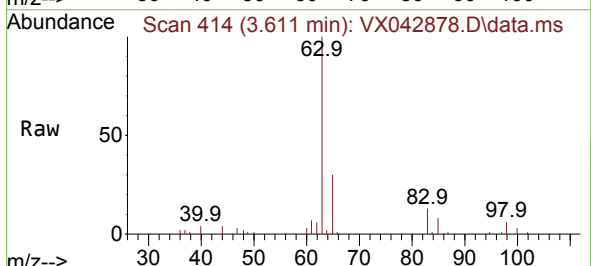
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

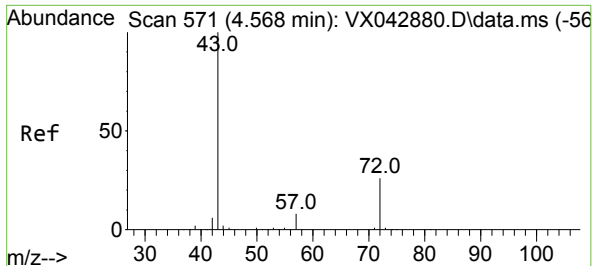
Tgt Ion: 43 Resp: 244278
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.088 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

Tgt Ion: 63 Resp: 26211
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.4 2.1 6.5

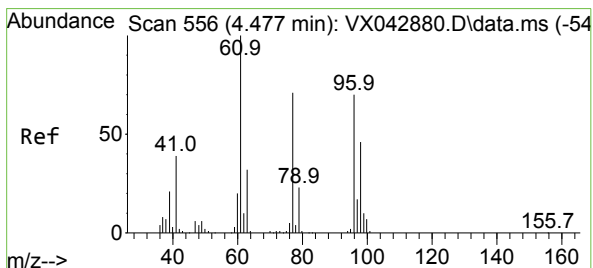
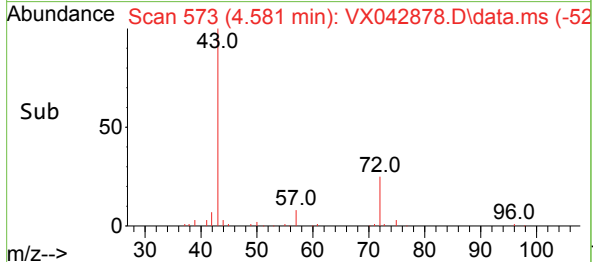
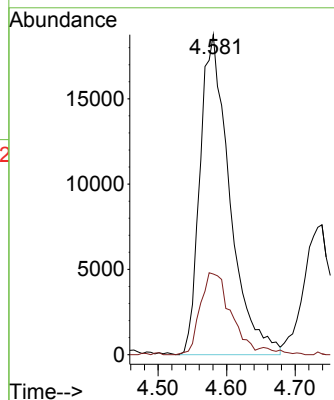
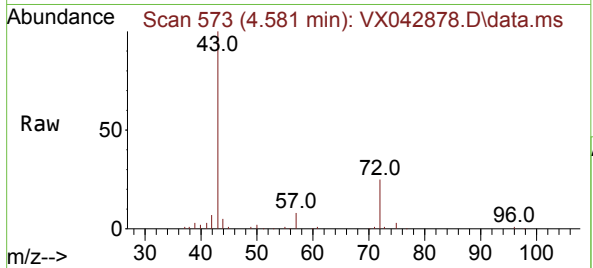




#25
2-Butanone
Concen: 24.712 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

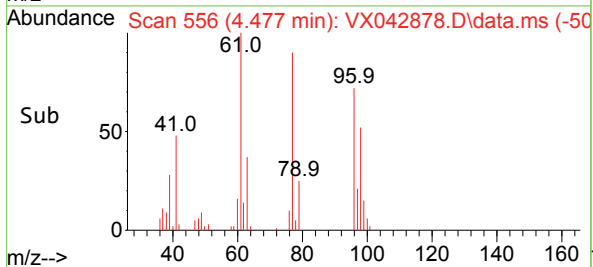
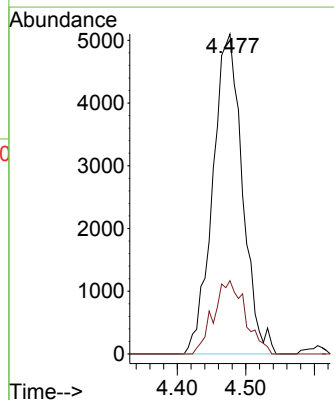
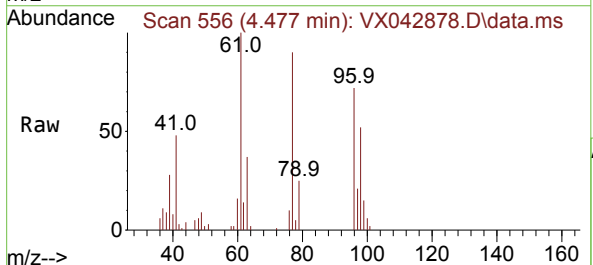
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

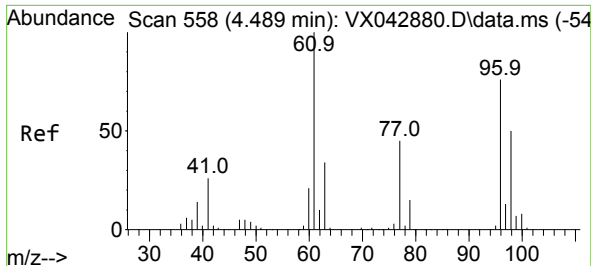
Tgt Ion: 43 Resp: 56576
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.847 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 77 Resp: 15351
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.3

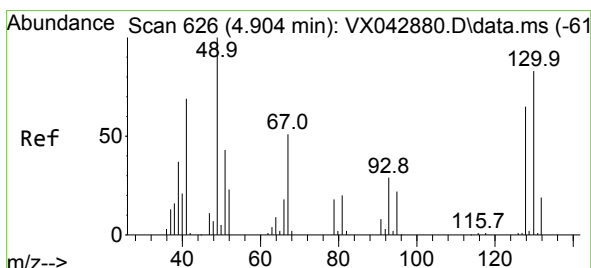
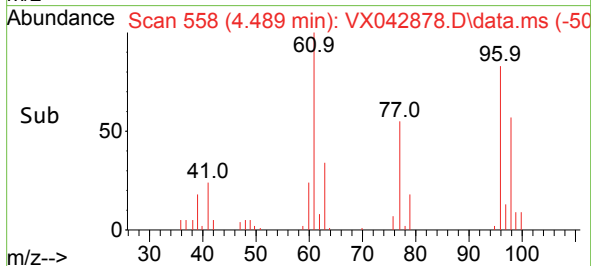
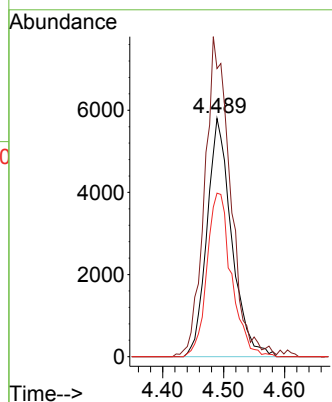
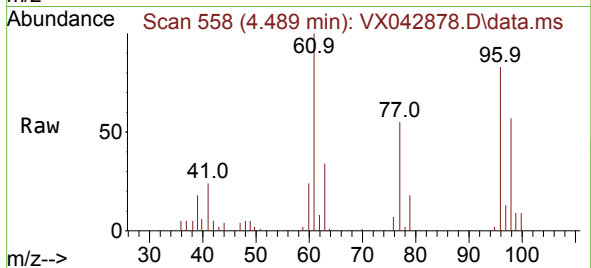




#27
 cis-1,2-Dichloroethene
 Concen: 5.068 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

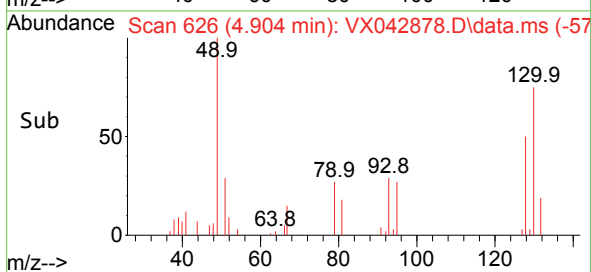
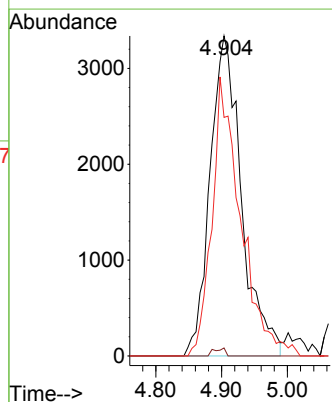
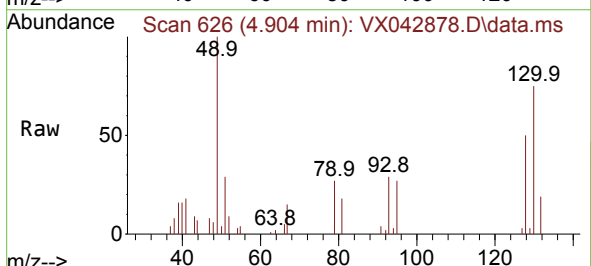
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

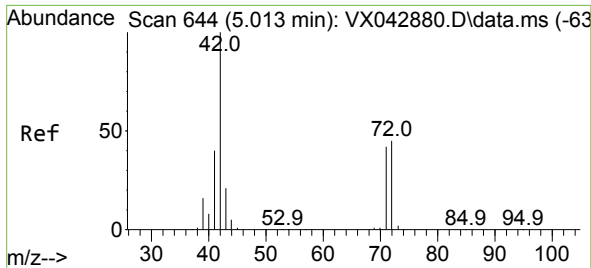
Tgt Ion: 96	Resp: 16317
Ion Ratio	Lower Upper
96 100	
61 140.0	0.0 312.2
98 68.3	0.0 129.0



#28
 Bromochloromethane
 Concen: 5.611 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

Tgt Ion: 49	Resp: 11092
Ion Ratio	Lower Upper
49 100	
129 0.9	0.0 3.8
130 79.6	57.5 86.3

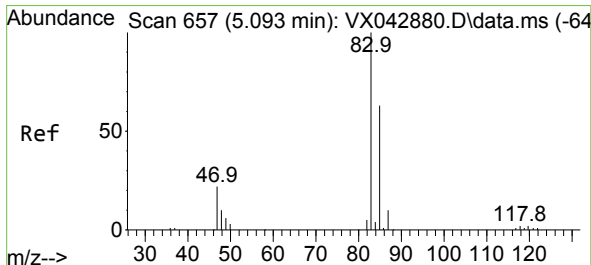
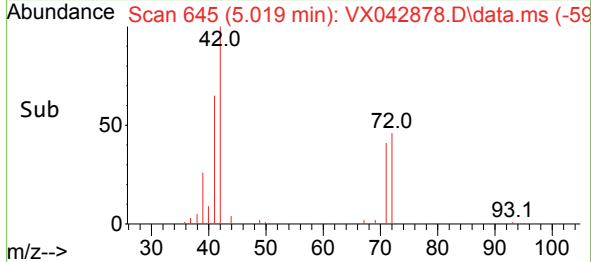
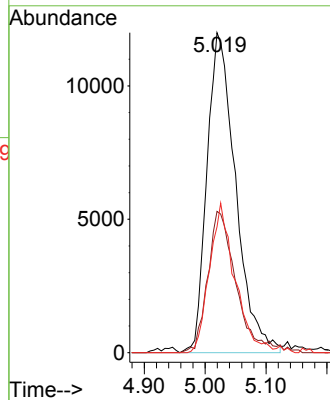
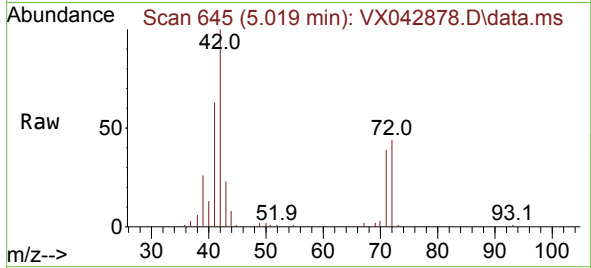




#29
Tetrahydrofuran
Concen: 25.298 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

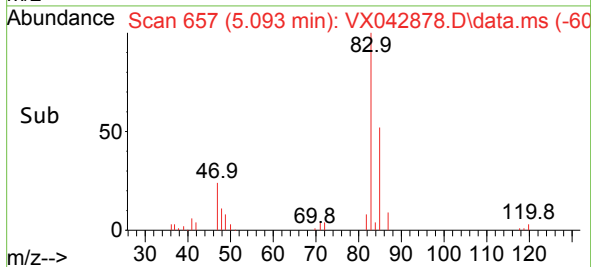
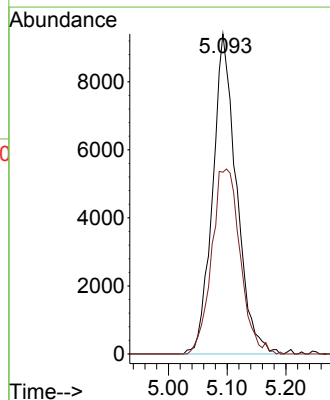
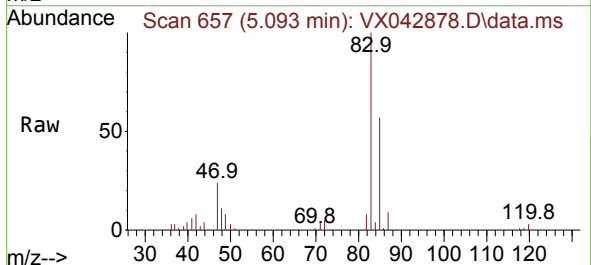
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

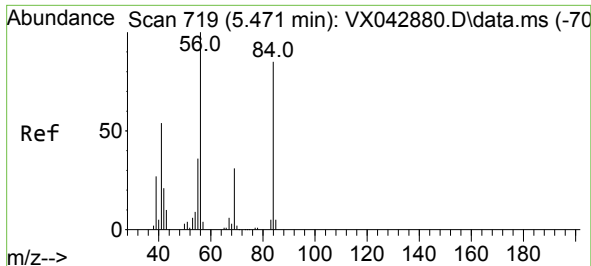
Tgt Ion:	42	Resp:	39137
Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.2	51.4
71	41.7	32.2	48.2



#30
Chloroform
Concen: 4.917 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:	83	Resp:	26518
Ion	Ratio	Lower	Upper
83	100		
85	56.8	50.3	75.5

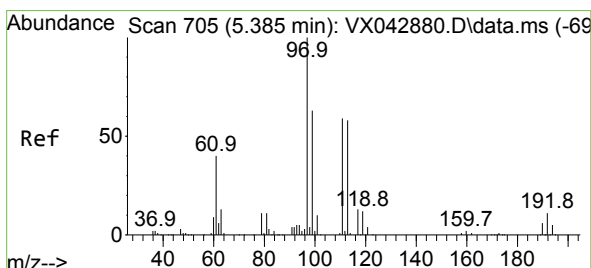
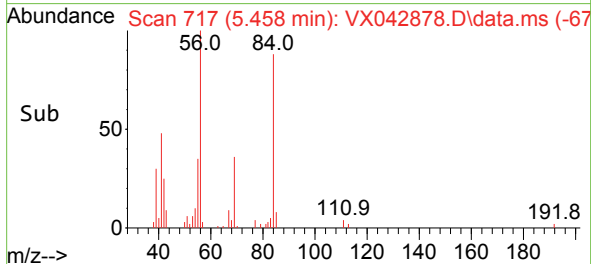
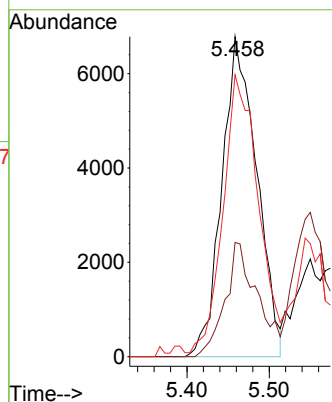
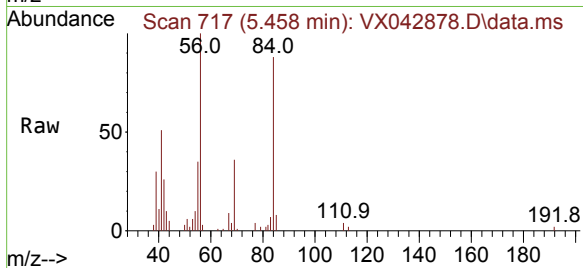




#31
Cyclohexane
Concen: 4.753 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

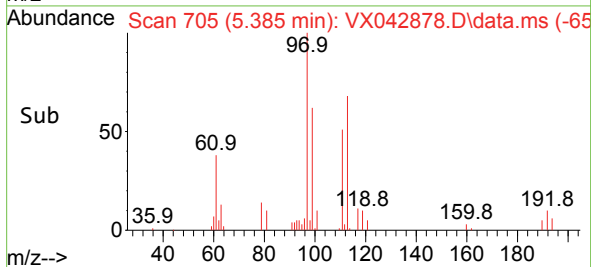
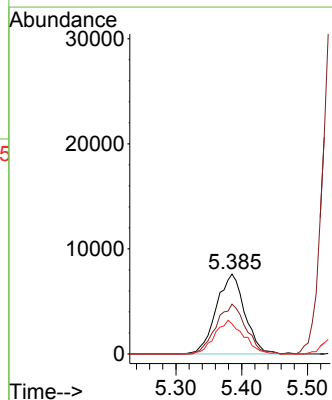
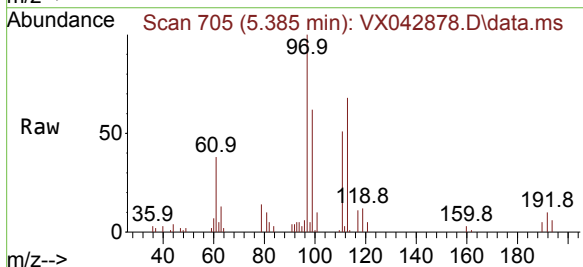
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

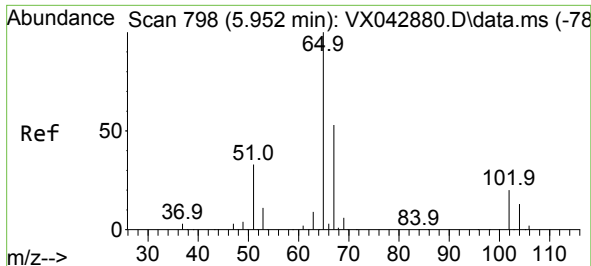
Tgt Ion: 56 Resp: 19991
Ion Ratio Lower Upper
56 100
69 35.7 23.4 35.2#
84 84.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 4.832 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 97 Resp: 22944
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 42.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.287 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

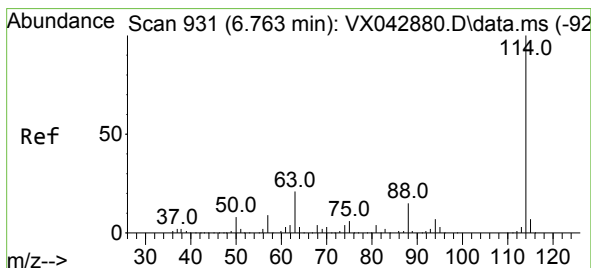
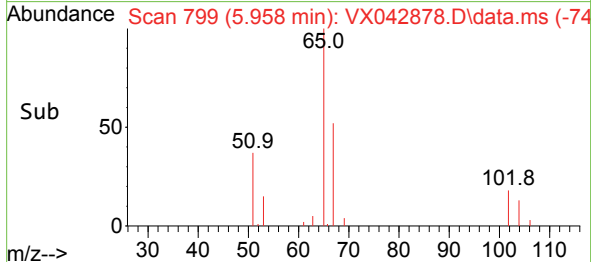
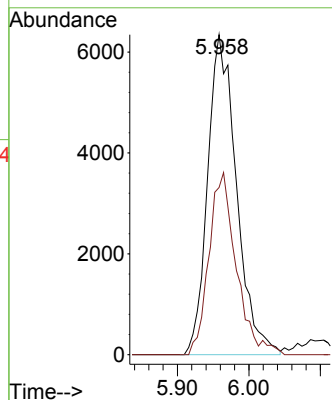
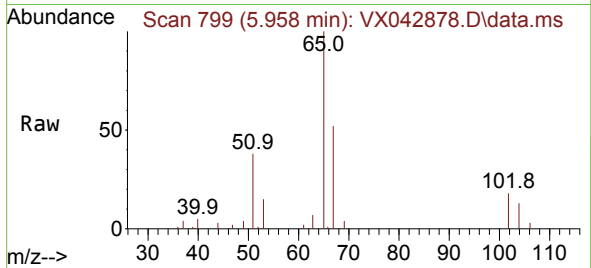
VSTDIC005

Tgt Ion: 65 Resp: 17770

Ion Ratio Lower Upper

65 100

67 53.8 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: VX042878.D

Acq: 06 Aug 2024 18:41

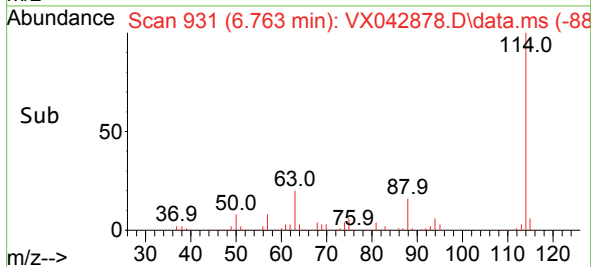
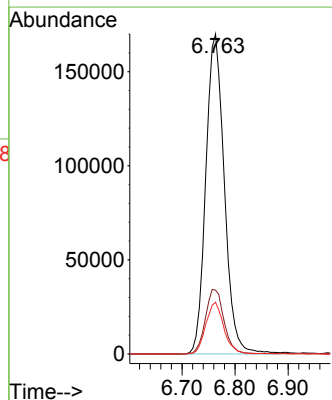
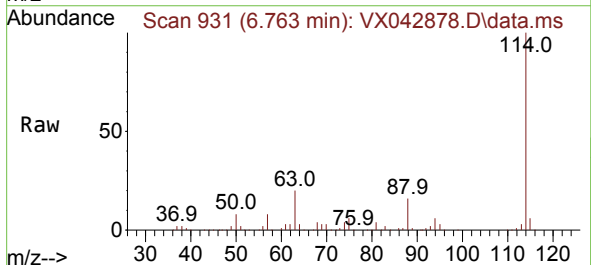
Tgt Ion: 114 Resp: 412487

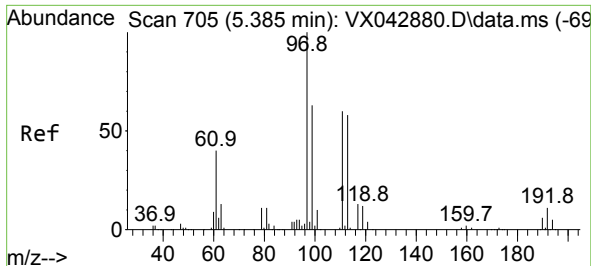
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.1 0.0 36.6

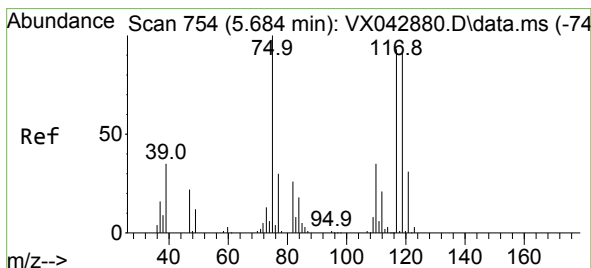
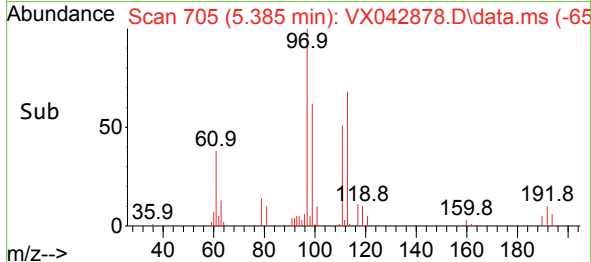
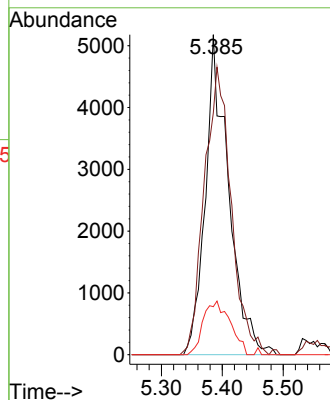
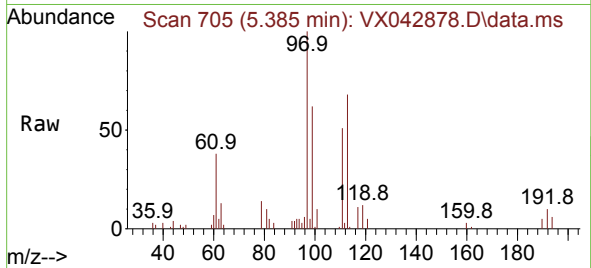




#35
Dibromofluoromethane
Concen: 5.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

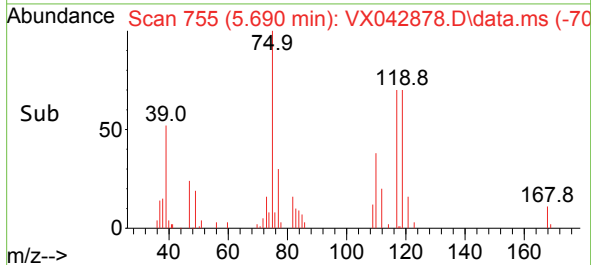
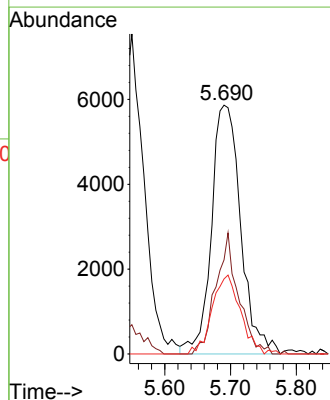
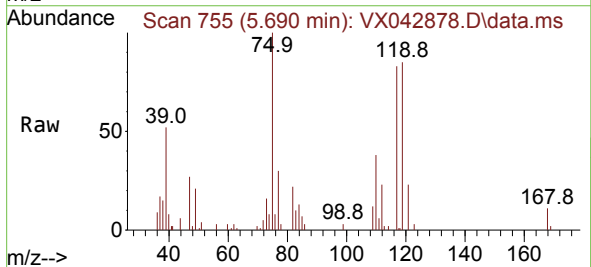
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

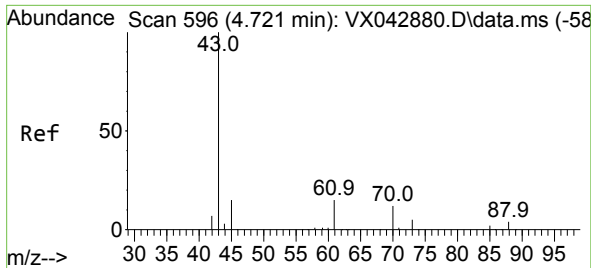
Tgt Ion: 113 Resp: 13733
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 75 Resp: 18183
Ion Ratio Lower Upper
75 100
110 37.8 17.0 50.9
77 30.5 24.7 37.1

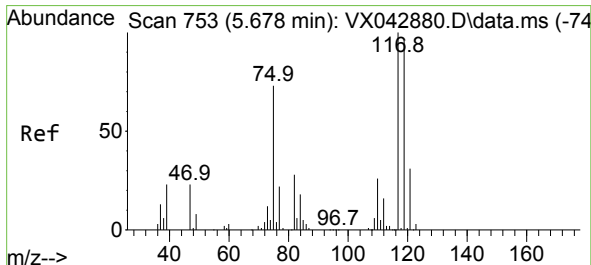
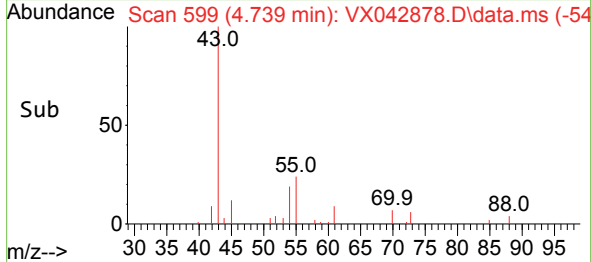
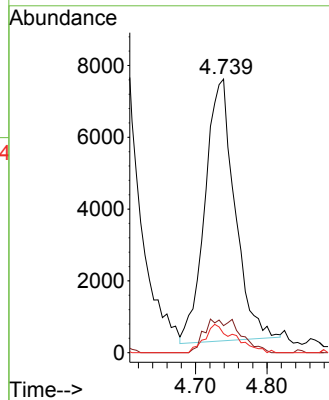
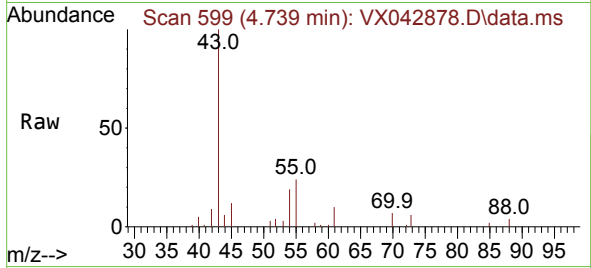




#37
Ethyl Acetate
Concen: 4.611 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

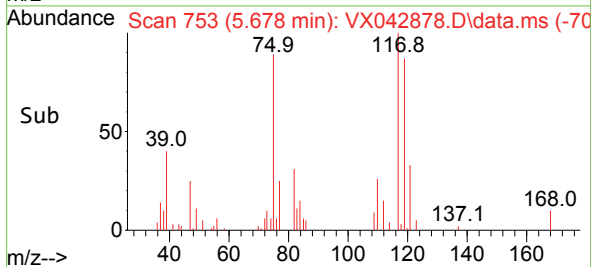
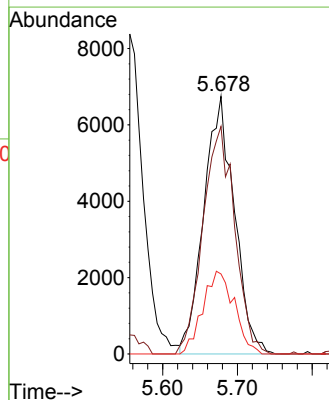
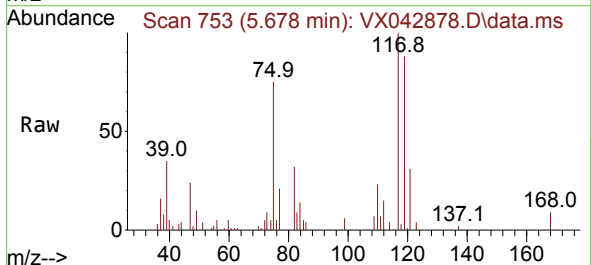
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

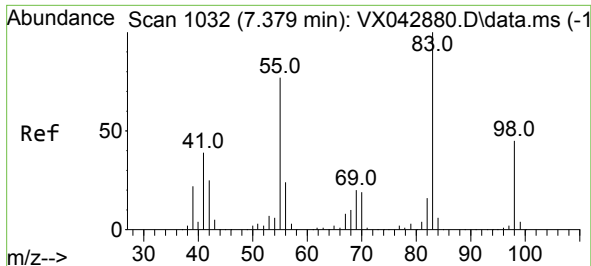
Tgt Ion:	43	Resp:	21096
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	16.0
70	11.1	8.3	12.5



#38
Carbon Tetrachloride
Concen: 4.642 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:	117	Resp:	19163
Ion	Ratio	Lower	Upper
117	100		
119	88.3	78.2	117.2
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 4.710 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

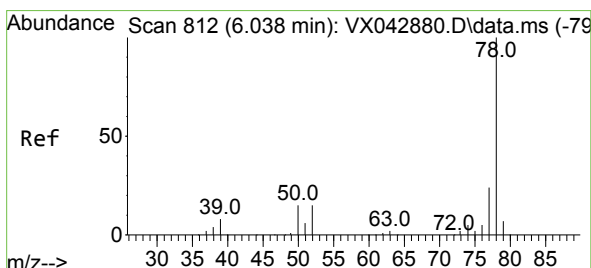
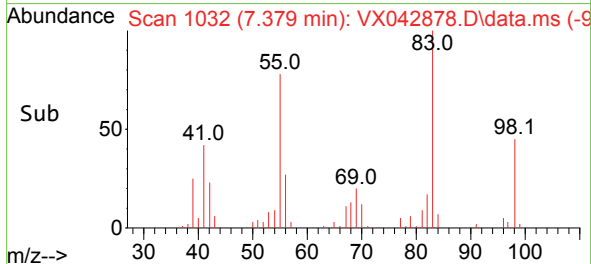
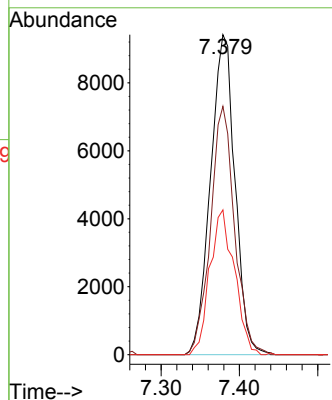
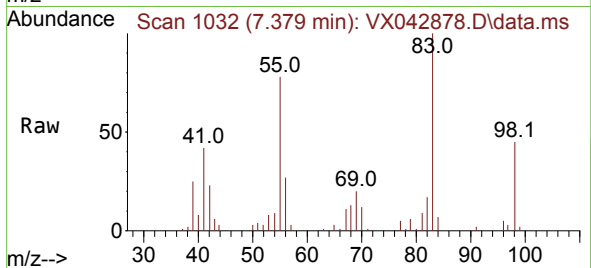
Tgt Ion: 83 Resp: 20473

Ion Ratio Lower Upper

83 100

55 77.6 64.6 97.0

98 45.3 36.7 55.1



#40

Benzene

Concen: 5.054 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX042878.D

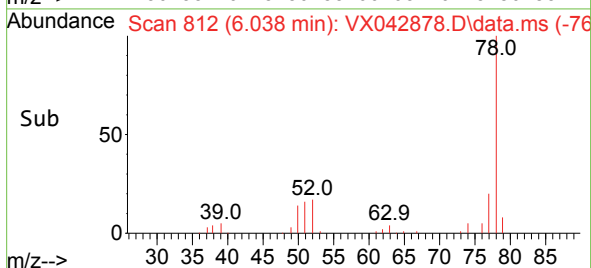
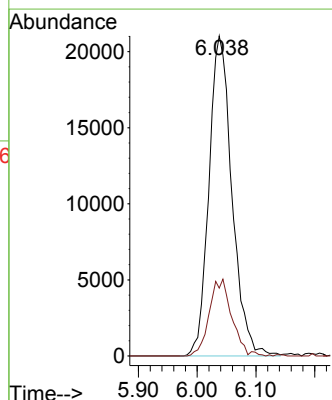
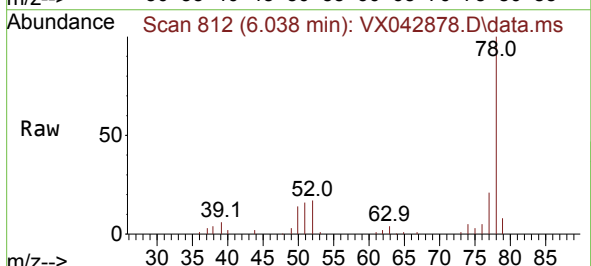
Acq: 06 Aug 2024 18:41

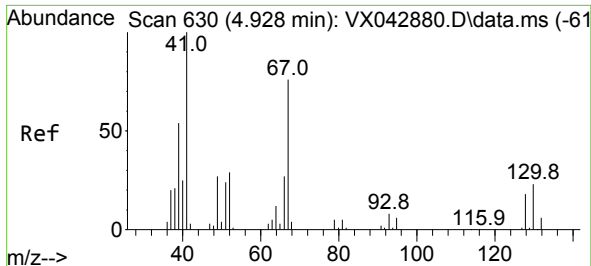
Tgt Ion: 78 Resp: 57360

Ion Ratio Lower Upper

78 100

77 21.2 19.3 28.9

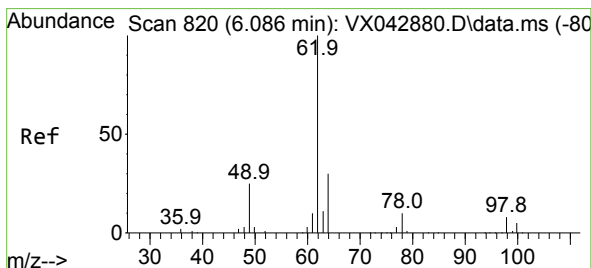
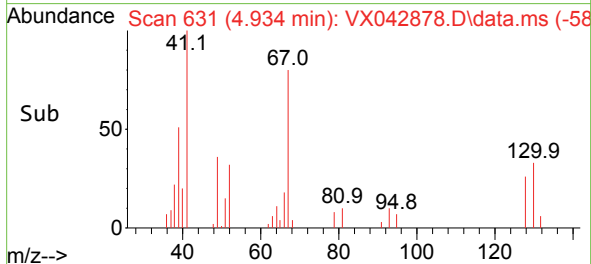
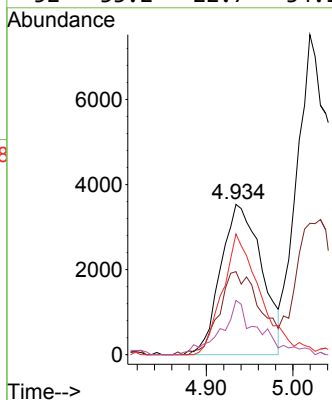
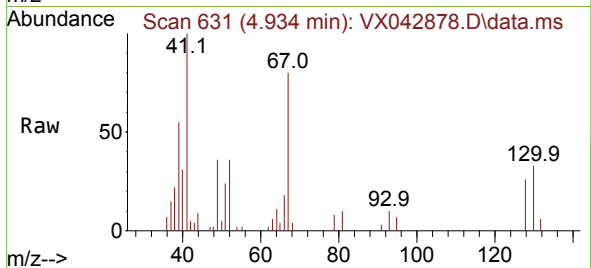




#41
Methacrylonitrile
Concen: 4.933 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

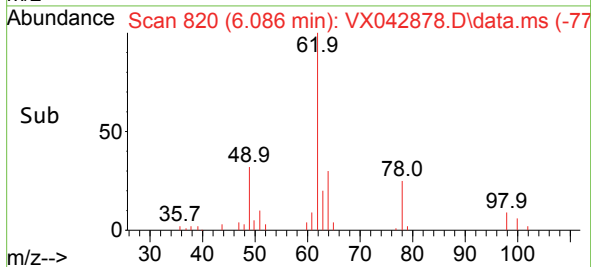
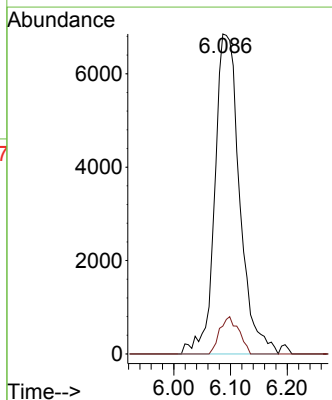
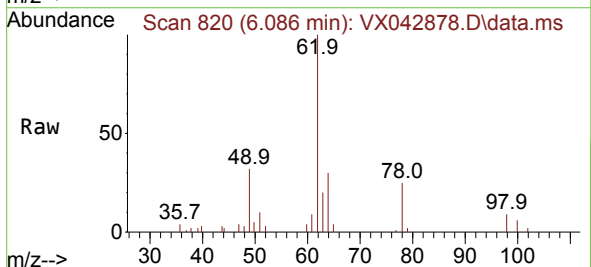
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

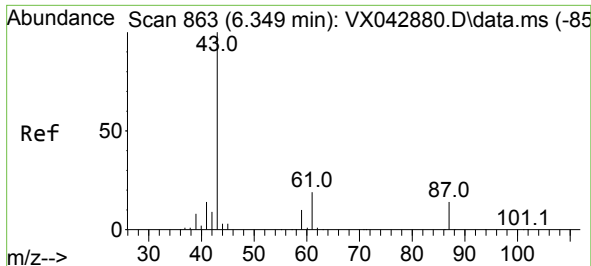
Tgt Ion:	41	Resp:	11625
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.2	67.8
67	74.7	52.6	78.8
52	33.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 5.049 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:	62	Resp:	20840
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.830 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

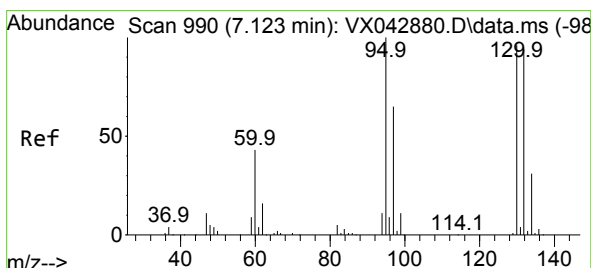
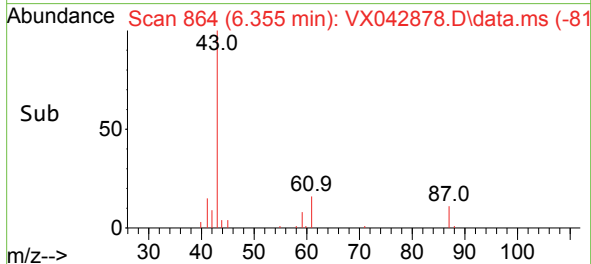
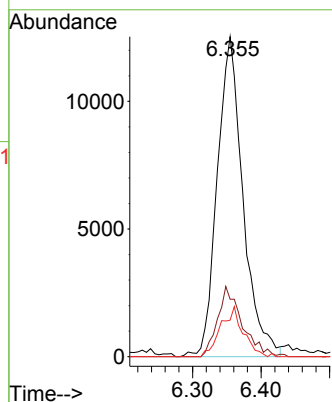
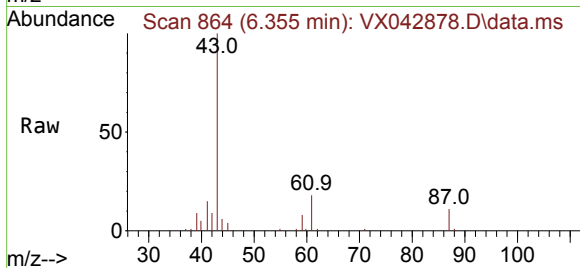
Tgt Ion: 43 Resp: 32678

Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

87 13.6 9.8 14.6



#44

Trichloroethene

Concen: 5.018 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX042878.D

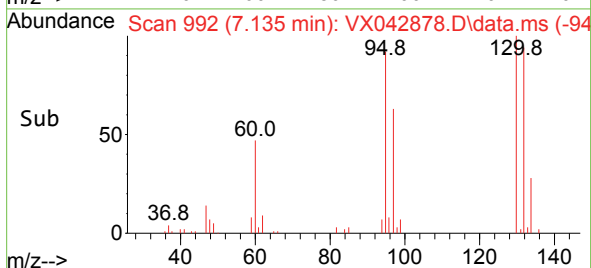
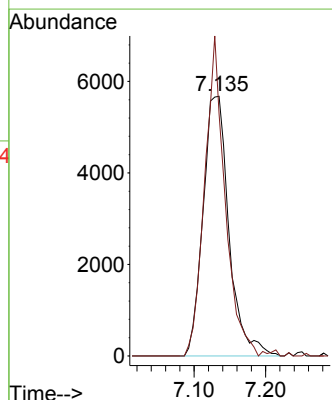
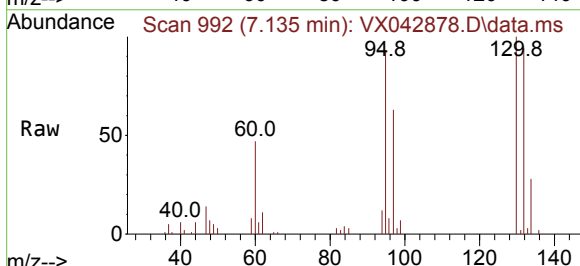
Acq: 06 Aug 2024 18:41

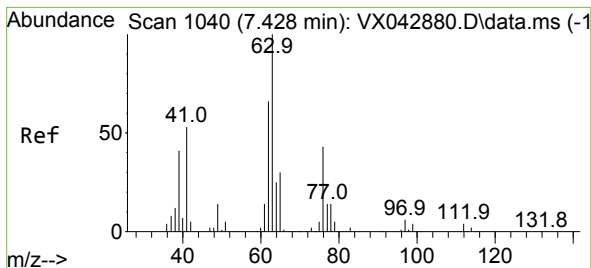
Tgt Ion:130 Resp: 14308

Ion Ratio Lower Upper

130 100

95 93.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.922 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

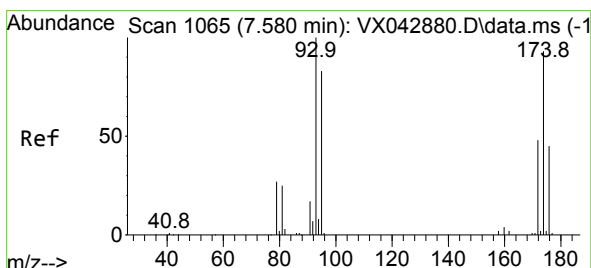
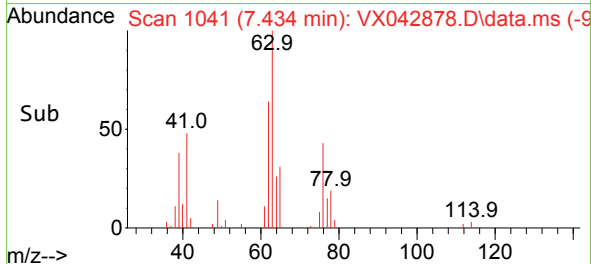
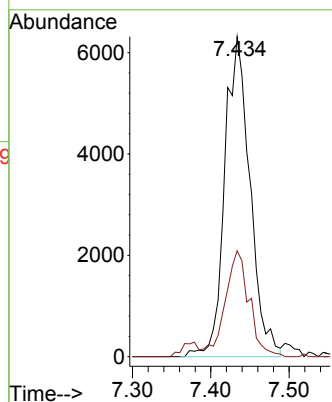
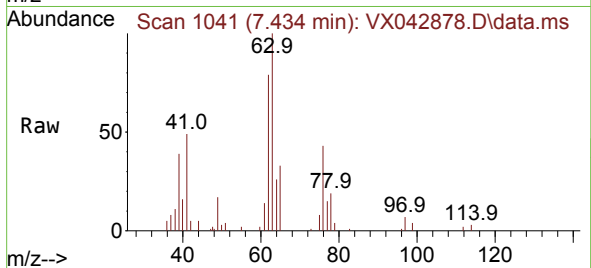
VSTDIC005

Tgt Ion: 63 Resp: 14171

Ion Ratio Lower Upper

63 100

65 32.3 24.3 36.5



#46

Dibromomethane

Concen: 4.967 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

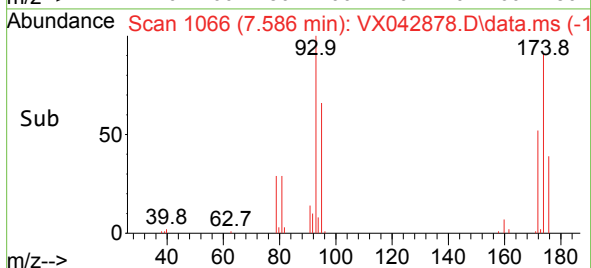
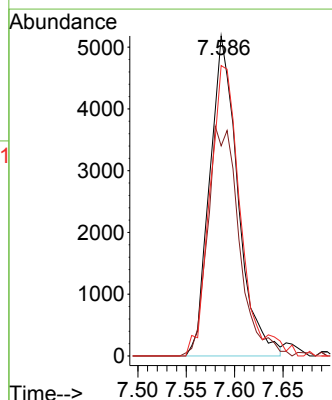
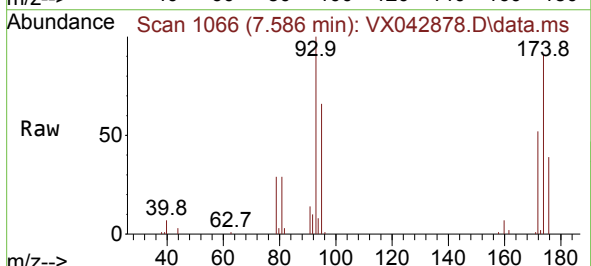
Tgt Ion: 93 Resp: 10502

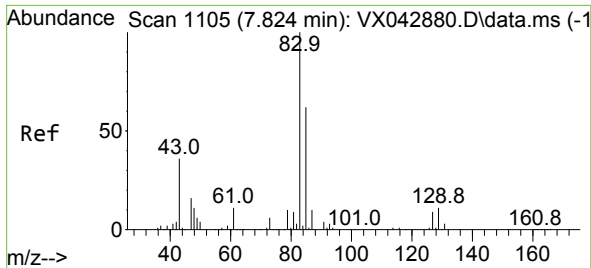
Ion Ratio Lower Upper

93 100

95 80.3 66.6 100.0

174 98.2 69.4 104.0

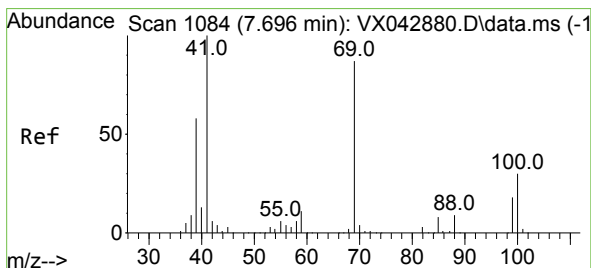
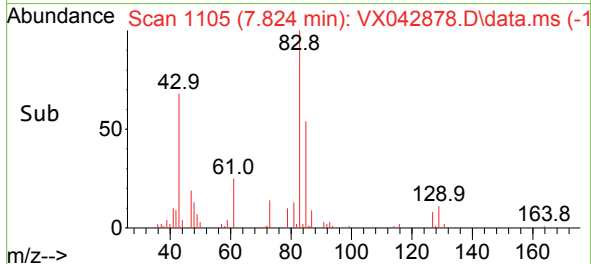
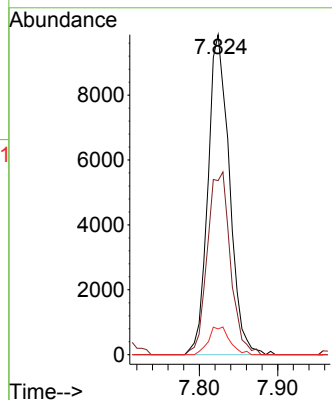
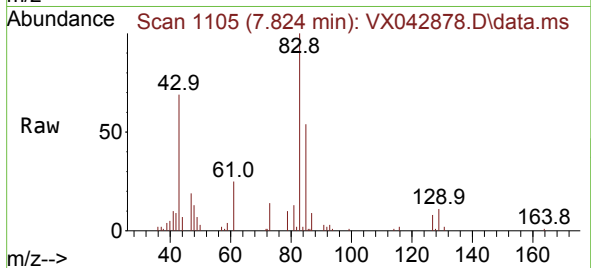




#47
Bromodichloromethane
Concen: 4.776 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

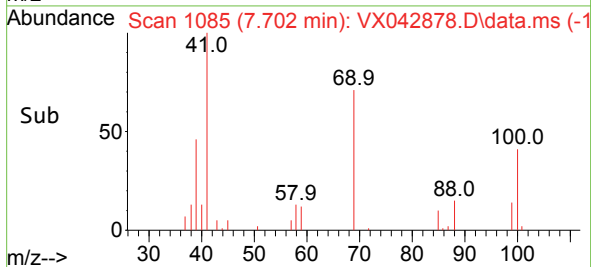
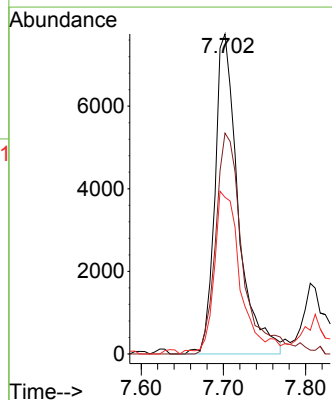
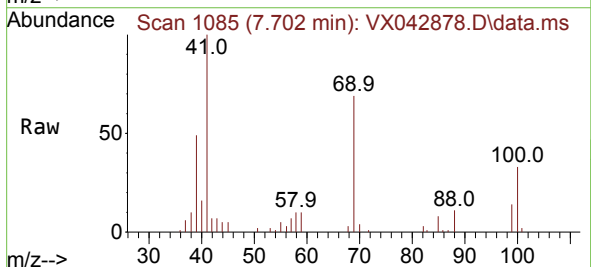
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

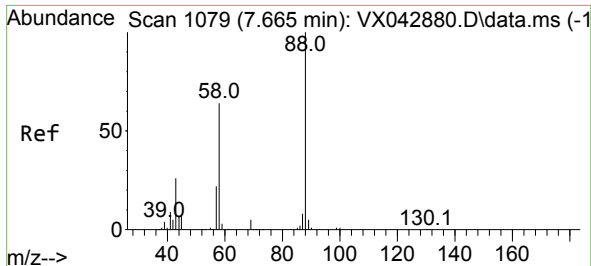
Tgt Ion: 83	Resp: 18759
Ion Ratio	Lower Upper
83 100	
85 54.4	49.8 74.6
127 8.0	7.1 10.7



#48
Methyl methacrylate
Concen: 4.713 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 41	Resp: 15292
Ion Ratio	Lower Upper
41 100	
69 81.4	59.2 88.8
39 58.7	47.7 71.5





#49

1,4-Dioxane

Concen: 75.765 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.013 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

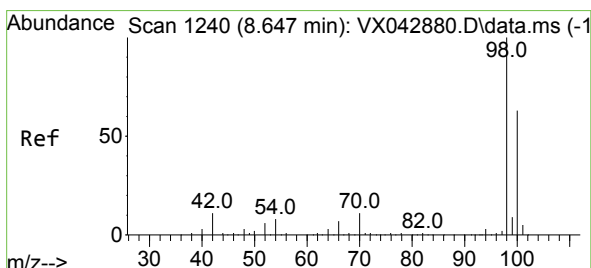
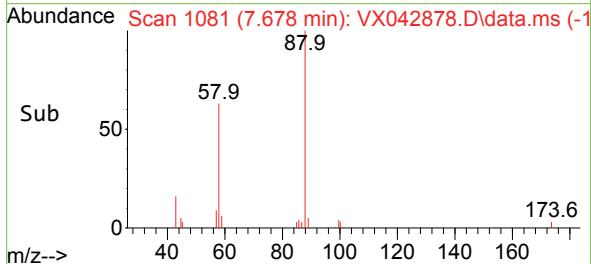
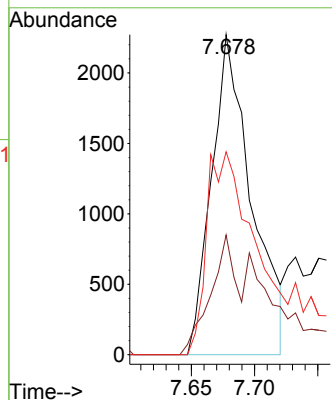
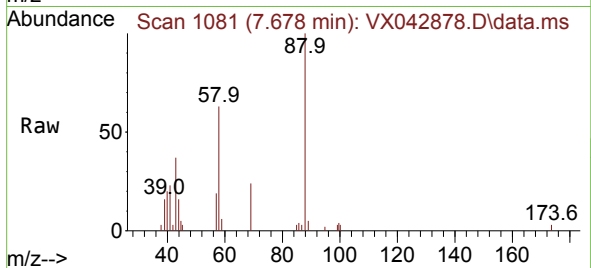
Tgt Ion: 88 Resp: 4986

Ion Ratio Lower Upper

88 100

43 24.6 0.0 0.0#

58 77.6 60.1 90.1



#50

Toluene-d8

Concen: 5.149 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX042878.D

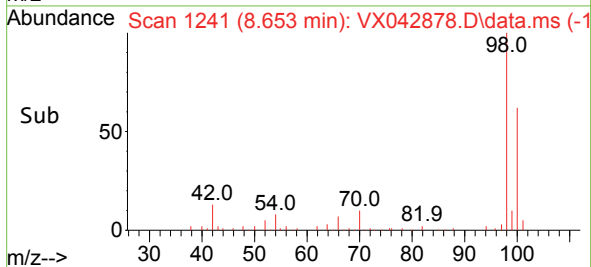
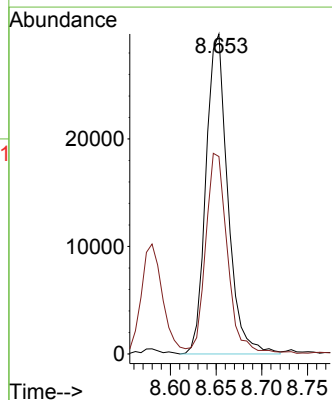
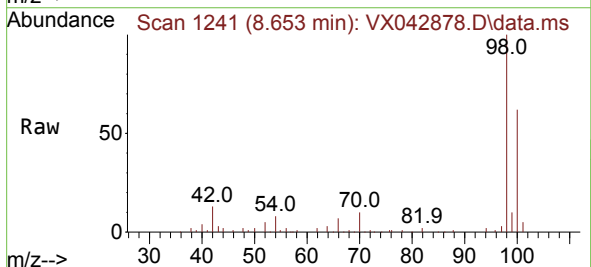
Acq: 06 Aug 2024 18:41

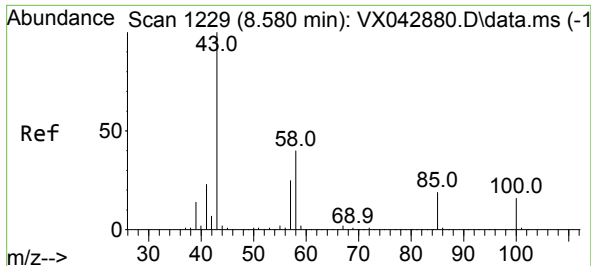
Tgt Ion: 98 Resp: 49296

Ion Ratio Lower Upper

98 100

100 62.3 53.1 79.7

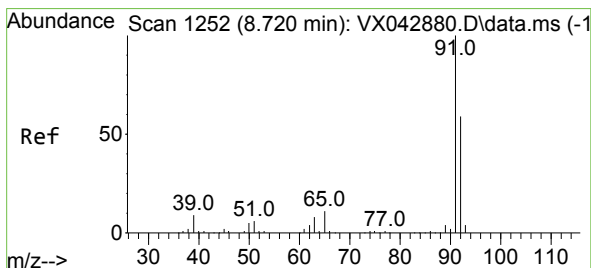
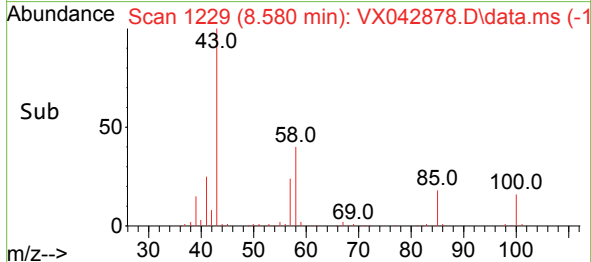
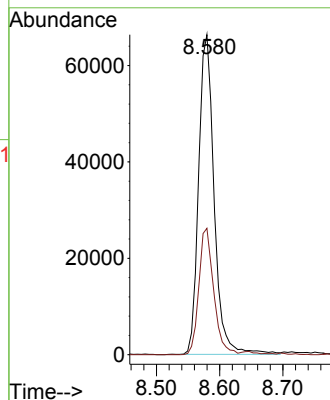
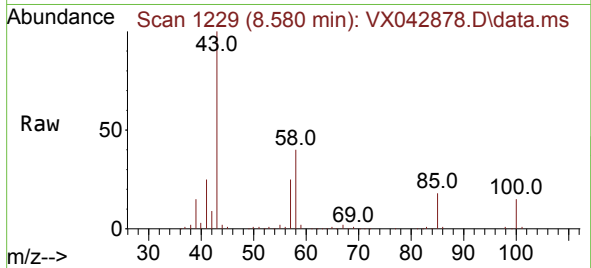




#51
4-Methyl-2-Pentanone
Concen: 25.020 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

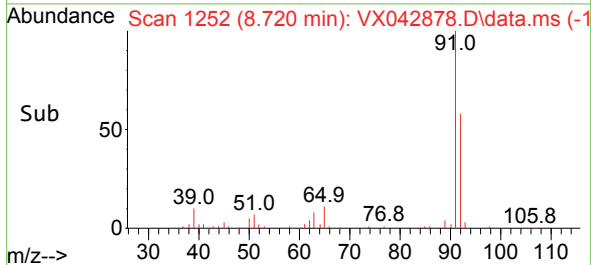
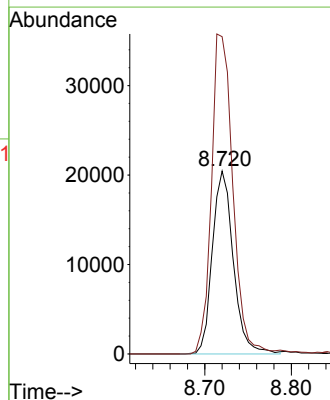
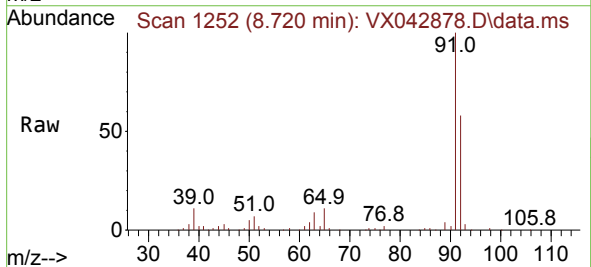
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

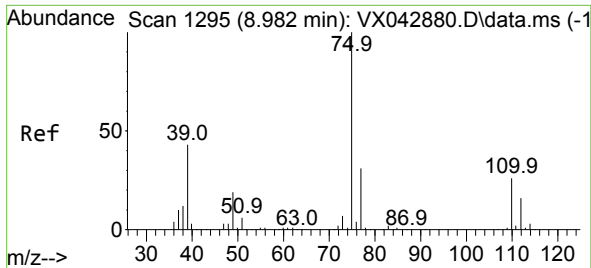
Tgt Ion: 43 Resp: 113397
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6



#52
Toluene
Concen: 5.010 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 92 Resp: 34491
Ion Ratio Lower Upper
92 100
91 179.6 134.2 201.2

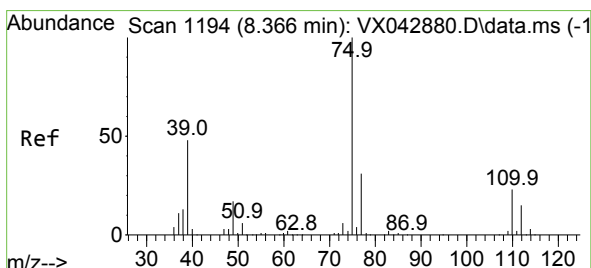
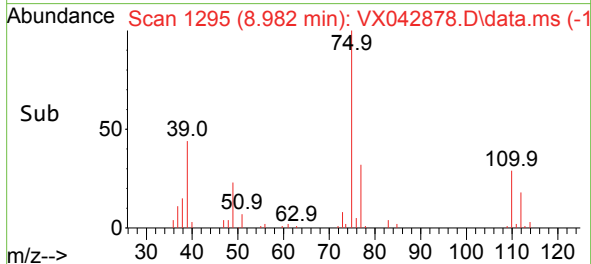
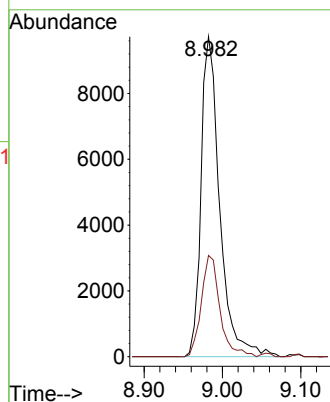
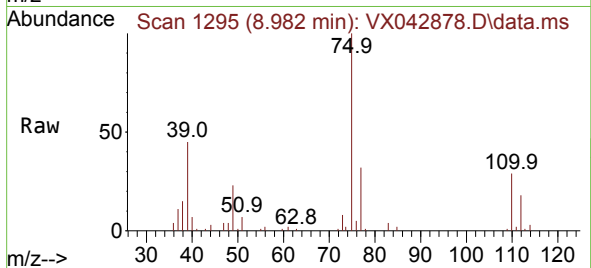




#53
 t-1,3-Dichloropropene
 Concen: 4.431 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

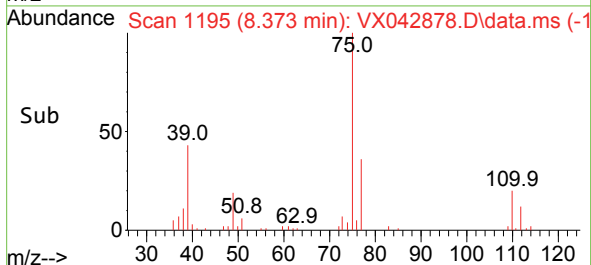
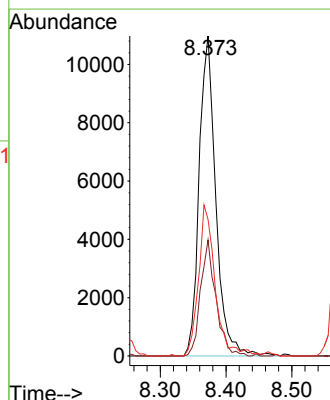
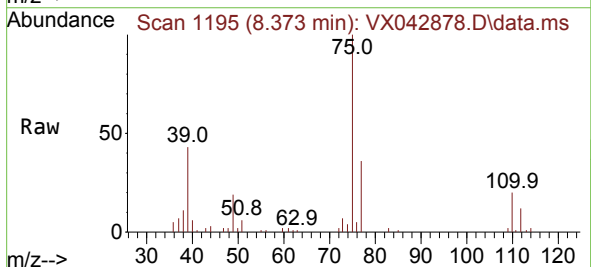
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

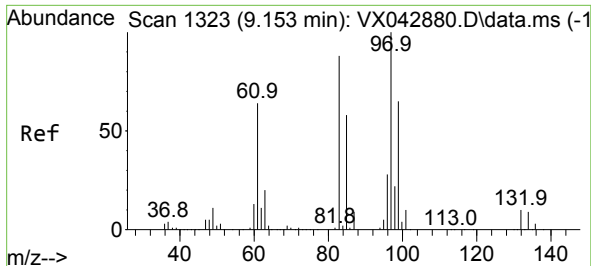
Tgt Ion: 75 Resp: 16090
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.810 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

Tgt Ion: 75 Resp: 19288
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.3 37.9
 39 42.6 46.7 70.1#

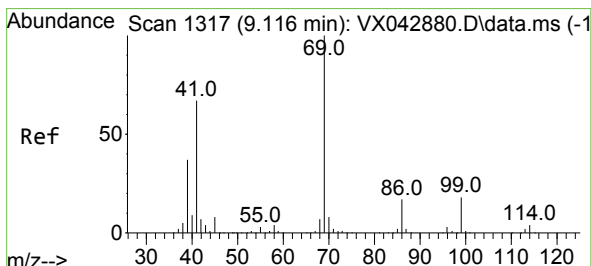
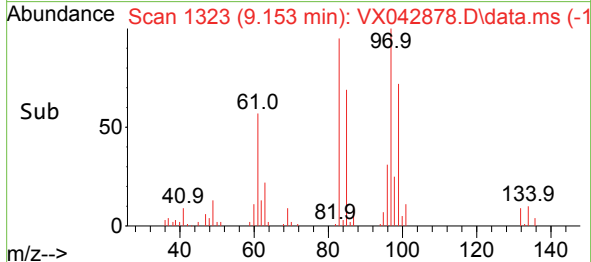
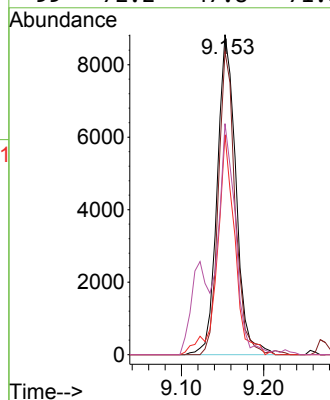
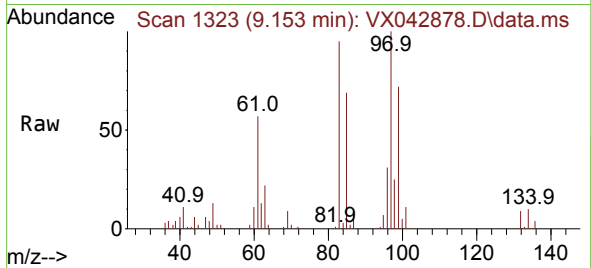




#55
1,1,2-Trichloroethane
Concen: 4.998 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

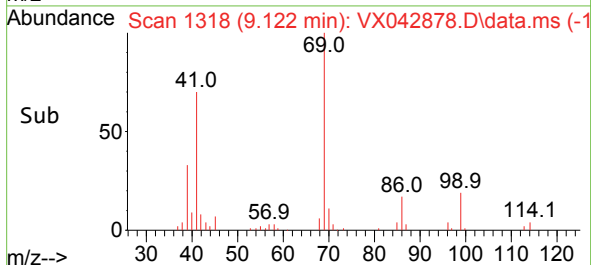
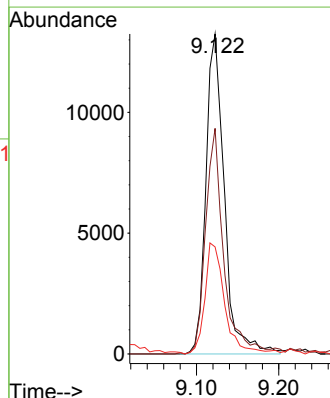
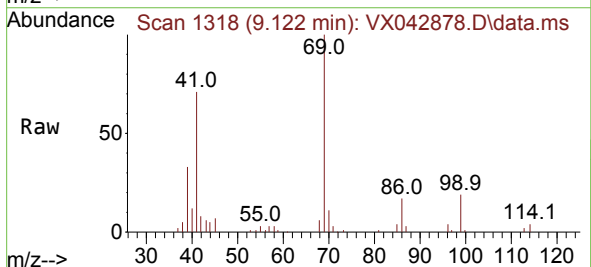
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

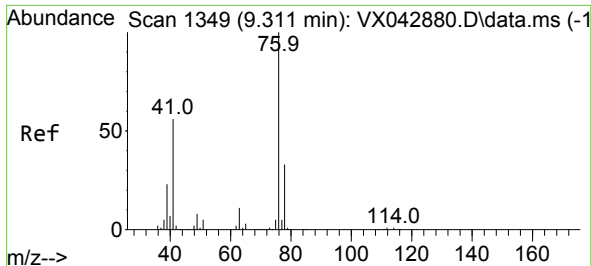
Tgt Ion:	97	Resp:	13987
Ion	Ratio	Lower	Upper
97	100		
83	94.7	65.8	98.8
85	68.7	41.6	62.4#
99	72.2	47.8	71.8#



#56
Ethyl methacrylate
Concen: 4.582 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:	69	Resp:	20632
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.8	85.2
39	37.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.022 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

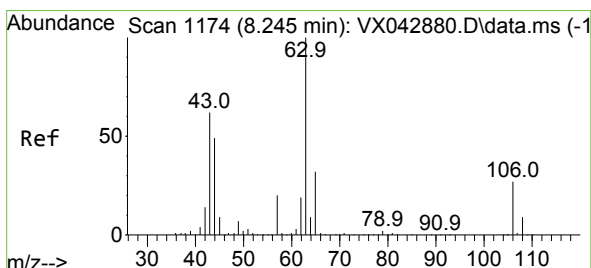
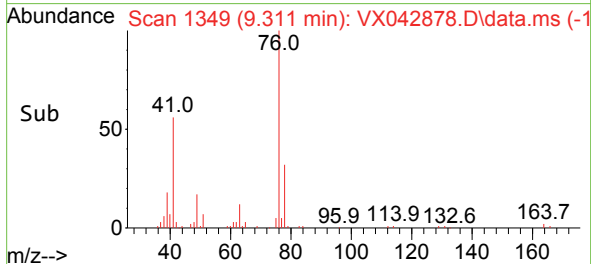
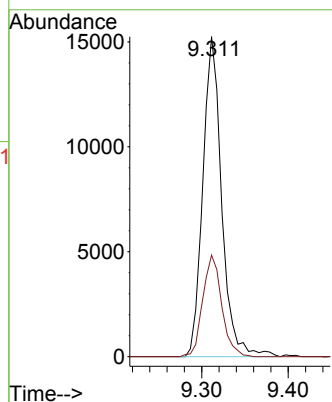
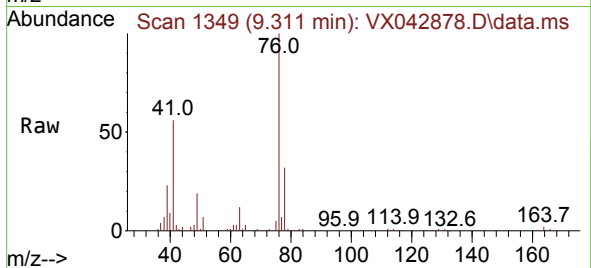
VSTDIC005

Tgt Ion: 76 Resp: 23024

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 23.838 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX042878.D

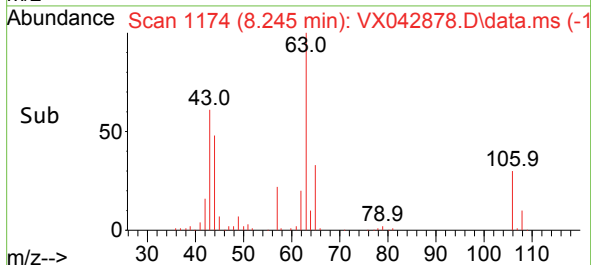
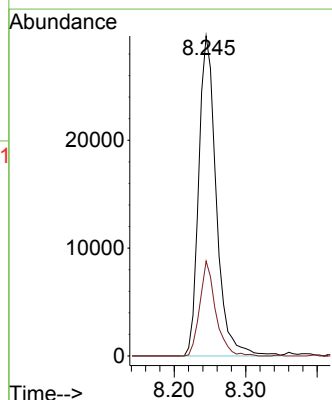
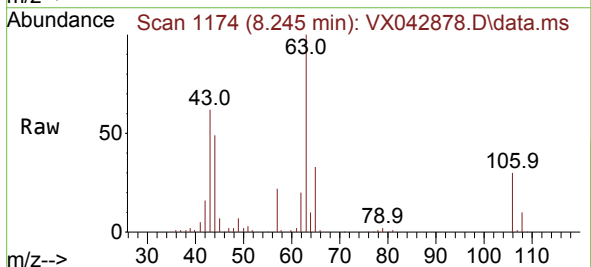
Acq: 06 Aug 2024 18:41

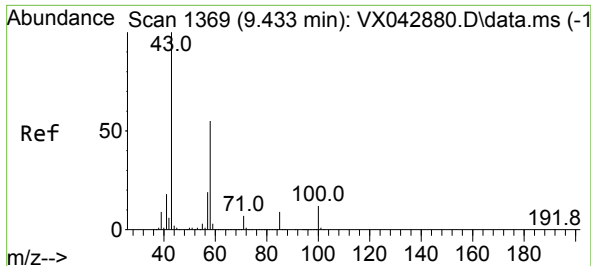
Tgt Ion: 63 Resp: 50594

Ion Ratio Lower Upper

63 100

106 26.8 22.5 33.7

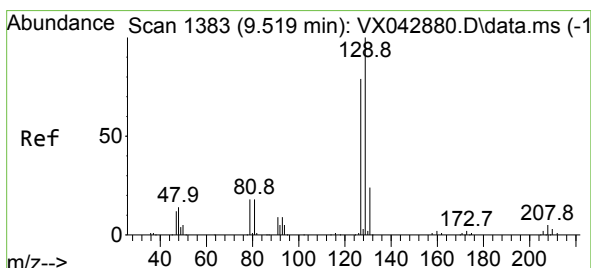
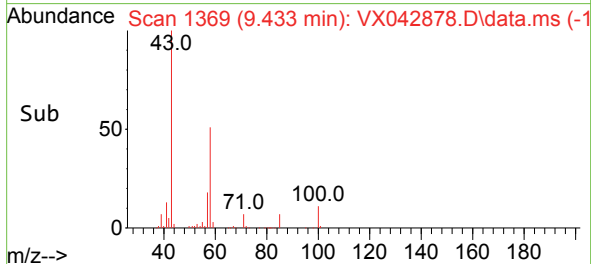
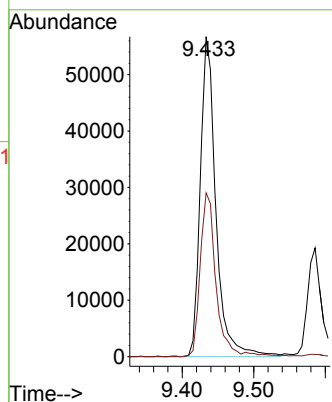
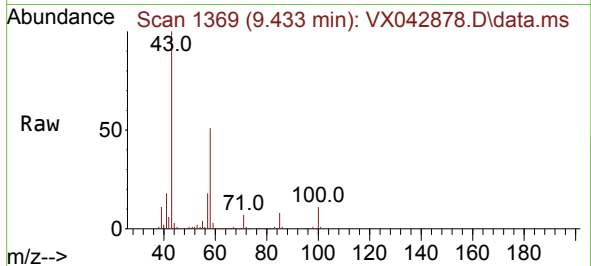




#59
2-Hexanone
Concen: 24.449 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

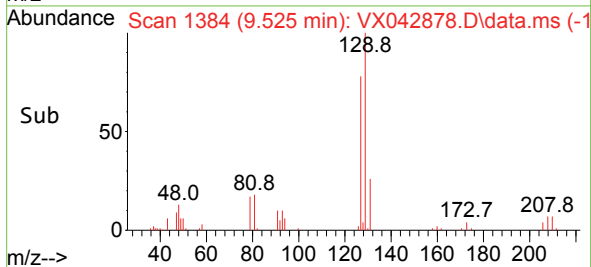
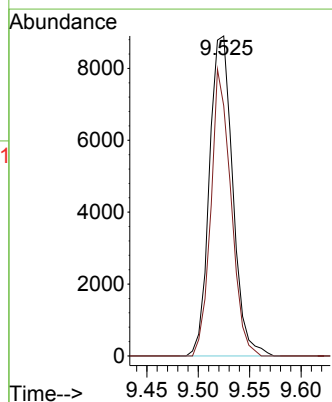
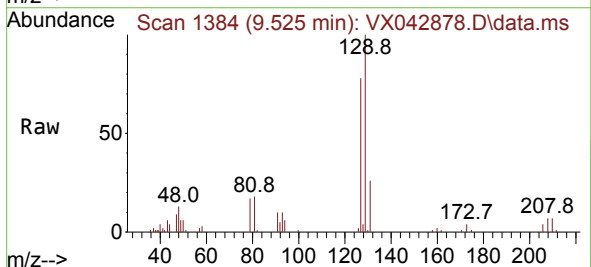
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

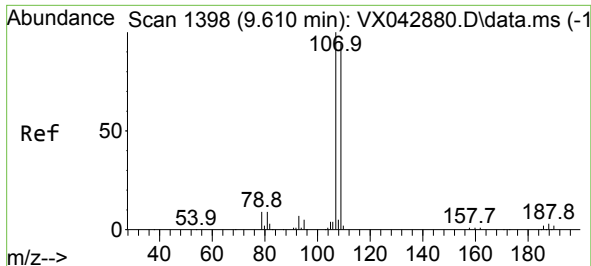
Tgt Ion: 43 Resp: 85864
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.5



#60
Dibromochloromethane
Concen: 4.576 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 129 Resp: 14068
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

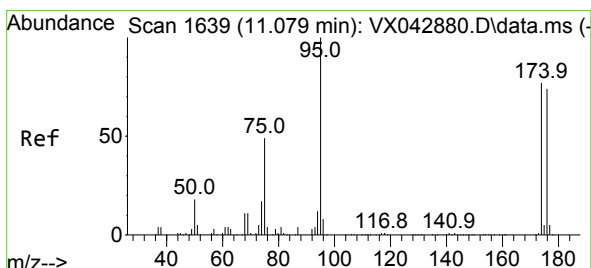
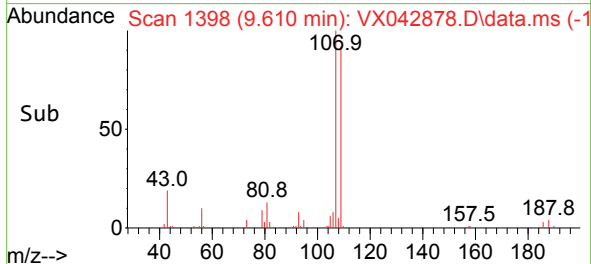
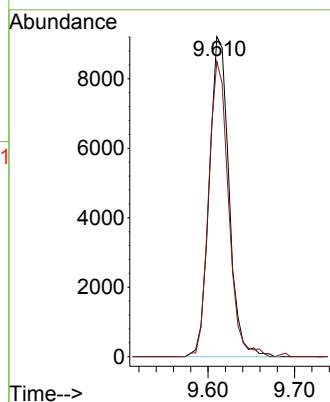
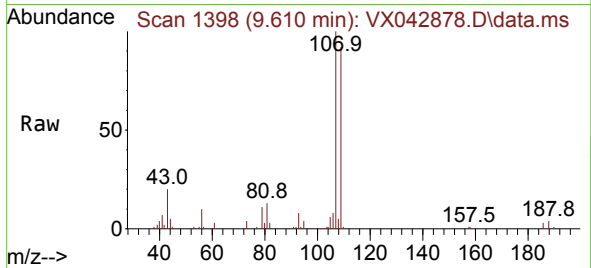




#61
1,2-Dibromoethane
Concen: 4.911 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

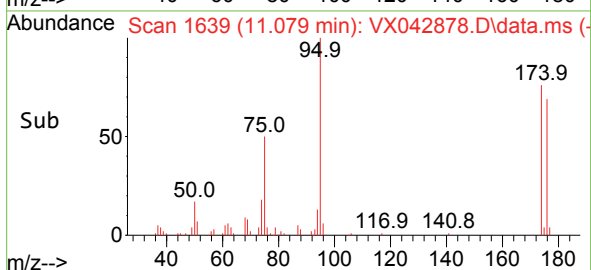
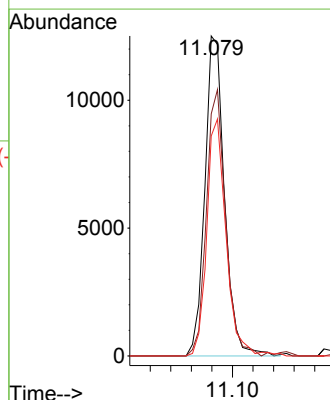
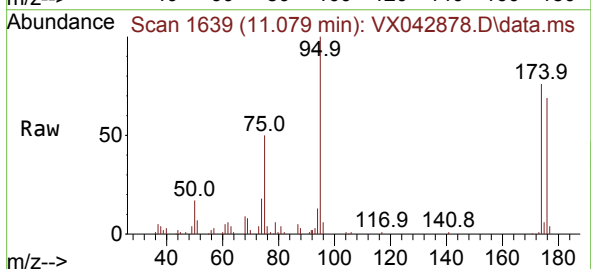
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

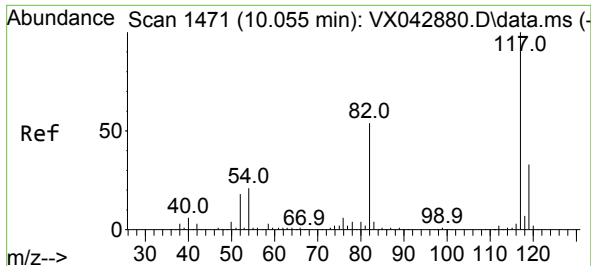
Tgt Ion:107 Resp: 14521
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 4.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 95 Resp: 16652
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 72.8 0.0 131.0

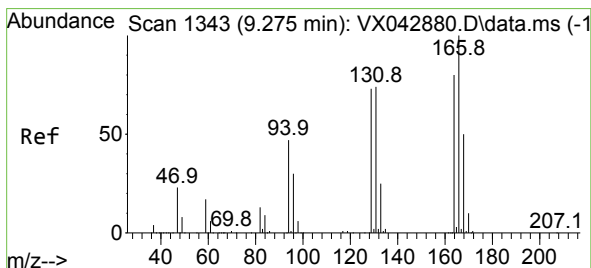
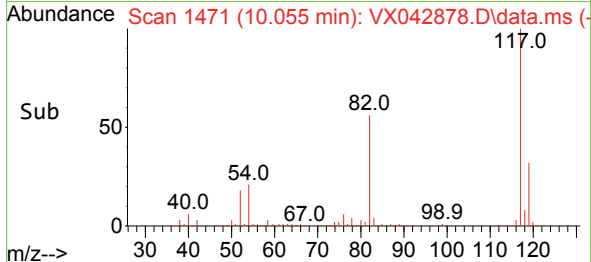
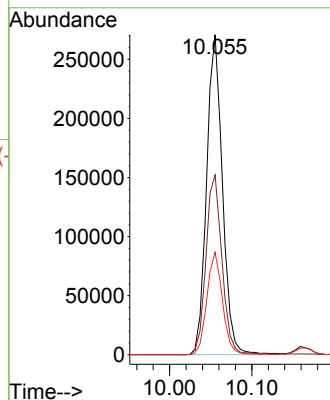
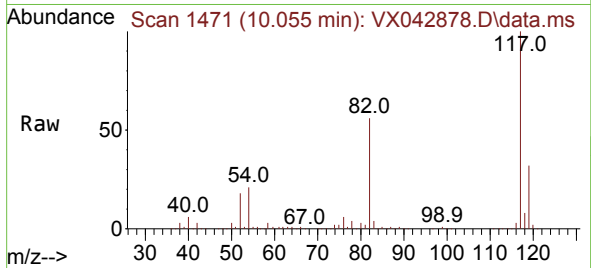




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

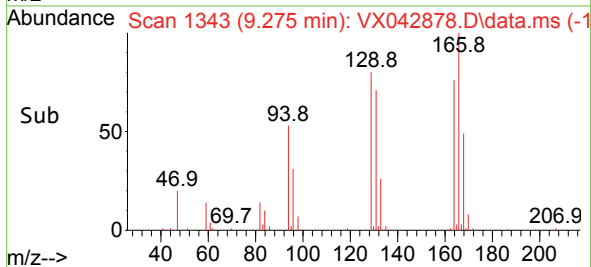
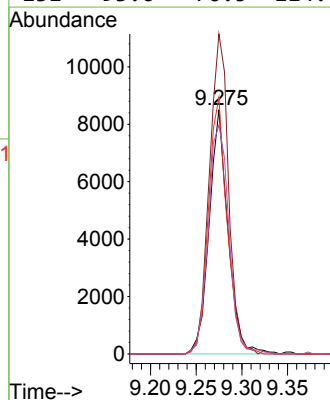
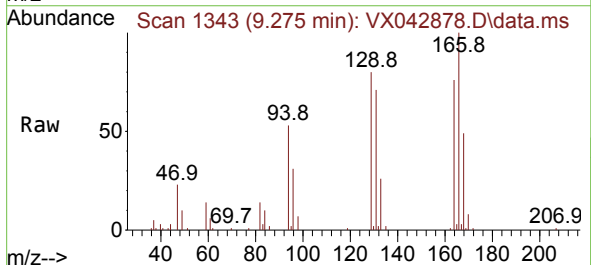
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

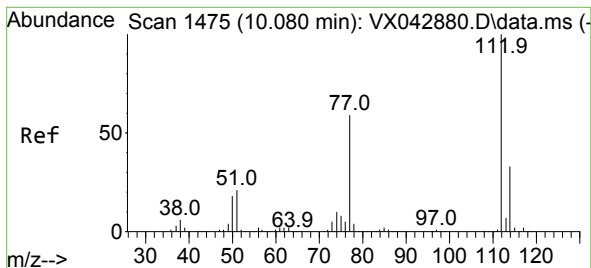
Tgt Ion:117 Resp: 363253
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 4.821 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:164 Resp: 12177
Ion Ratio Lower Upper
164 100
166 131.0 102.7 154.1
129 105.0 80.4 120.6
131 93.6 76.5 114.7

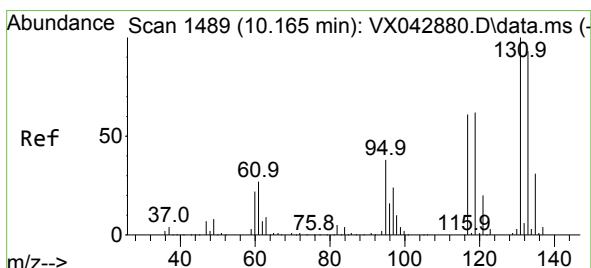
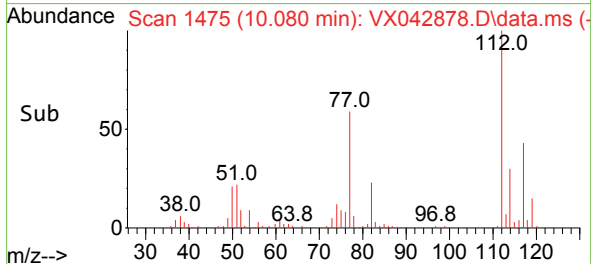
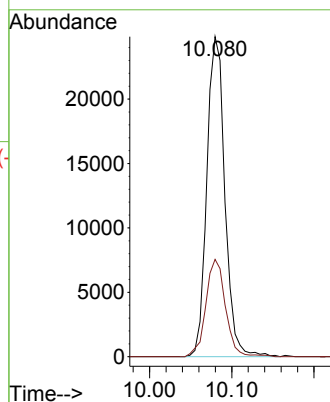
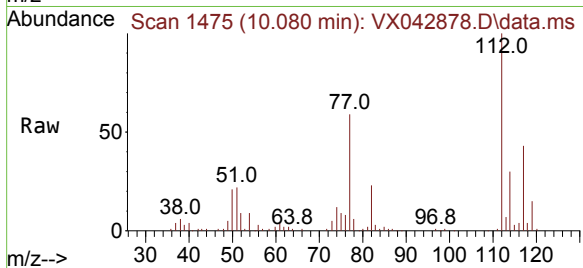




#65
Chlorobenzene
Concen: 4.908 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

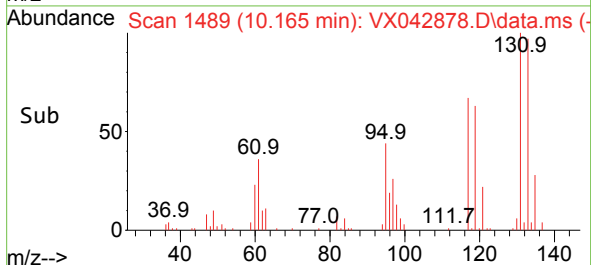
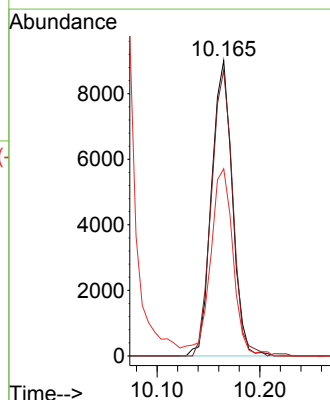
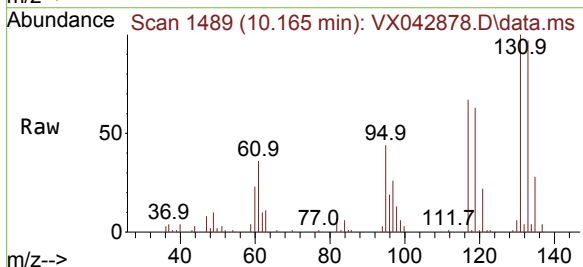
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

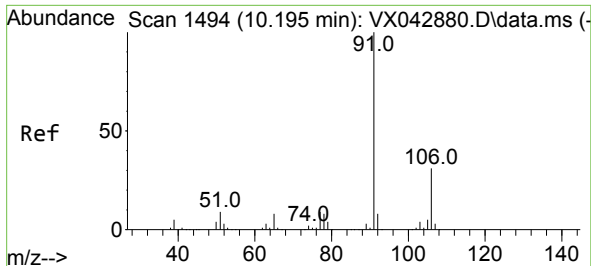
Tgt Ion:112 Resp: 37836
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.763 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:131 Resp: 12659
Ion Ratio Lower Upper
131 100
133 99.4 47.1 141.4
119 68.6 32.2 96.6





#67

Ethyl Benzene

Concen: 4.673 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

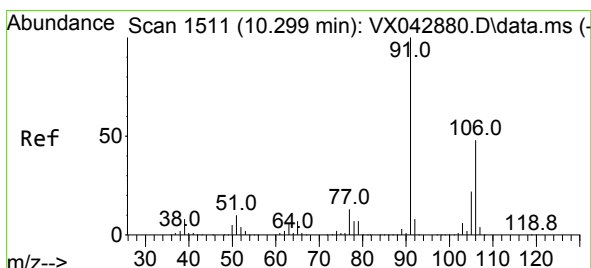
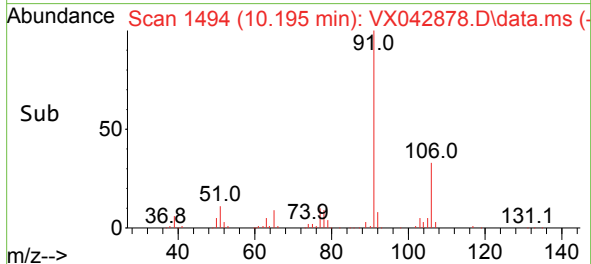
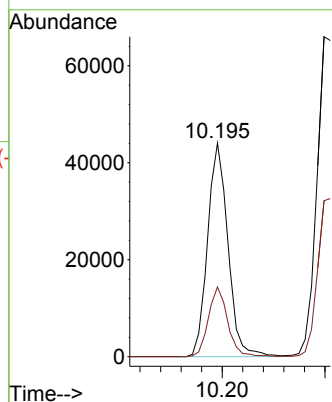
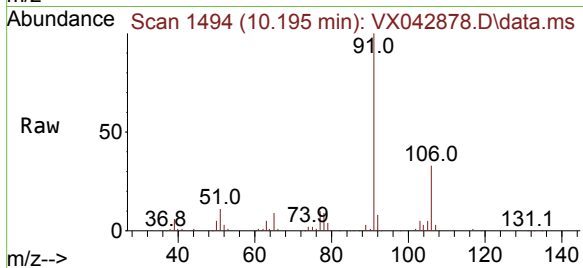
VSTDICC005

Tgt Ion: 91 Resp: 60589

Ion Ratio Lower Upper

91 100

106 32.7 24.9 37.3



#68

m/p-Xylenes

Concen: 9.352 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042878.D

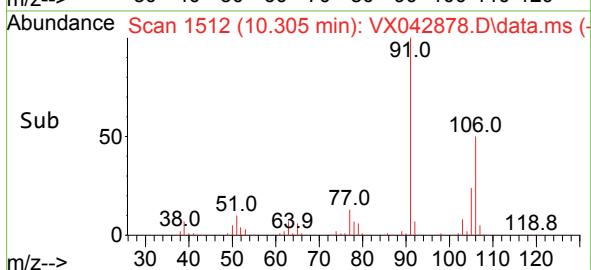
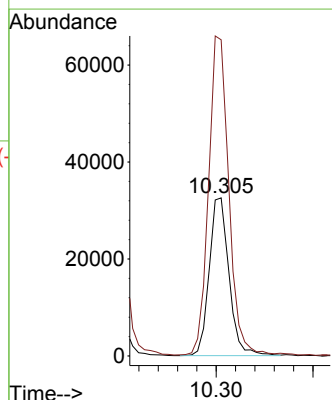
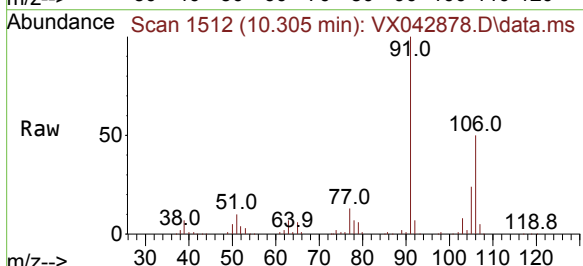
Acq: 06 Aug 2024 18:41

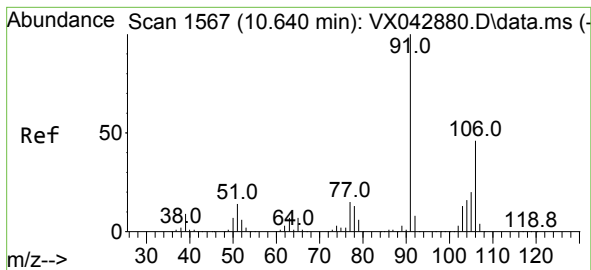
Tgt Ion: 106 Resp: 46292

Ion Ratio Lower Upper

106 100

91 207.7 165.5 248.3





#69

o-Xylene

Concen: 4.684 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

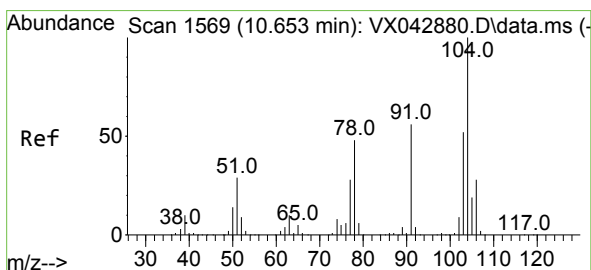
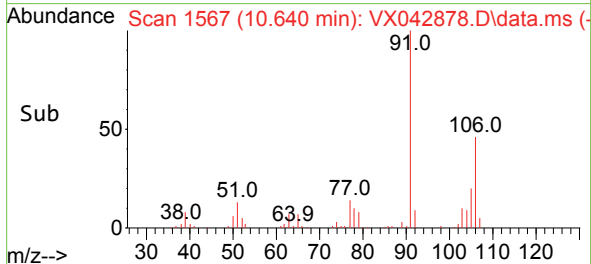
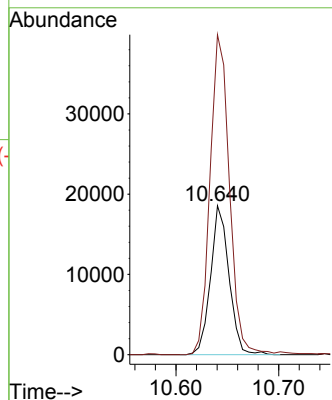
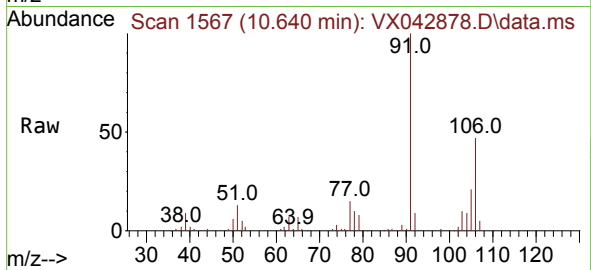
VSTDICC005

Tgt Ion:106 Resp: 23228

Ion Ratio Lower Upper

106 100

91 228.1 108.9 326.8



#70

Styrene

Concen: 4.579 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

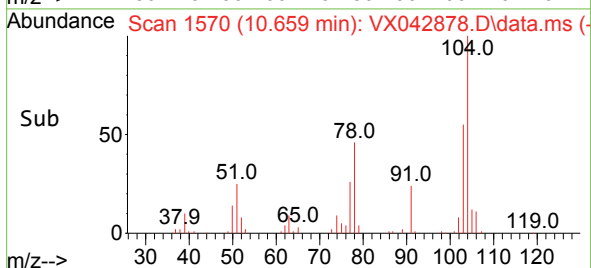
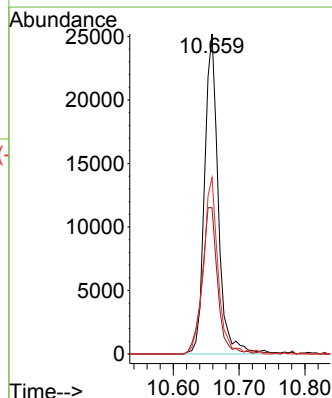
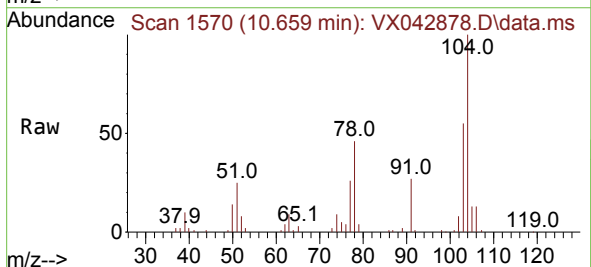
Tgt Ion:104 Resp: 36515

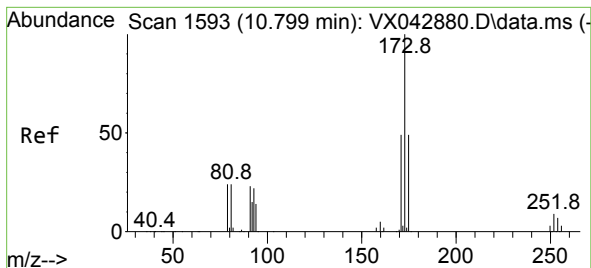
Ion Ratio Lower Upper

104 100

78 51.8 43.6 65.4

103 59.0 43.6 65.4





#71

Bromoform

Concen: 4.946 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

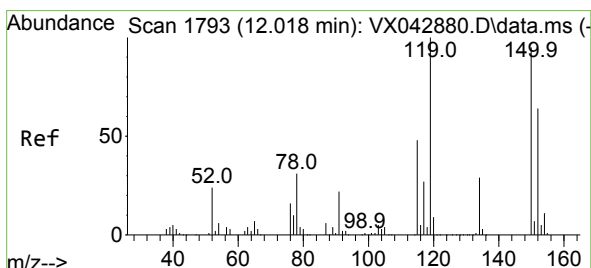
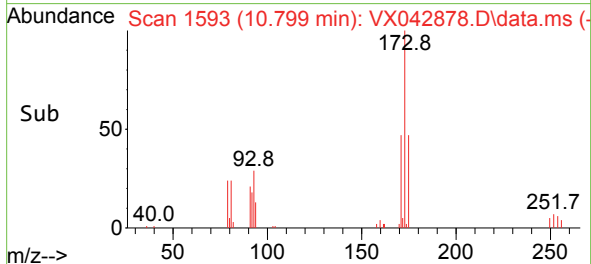
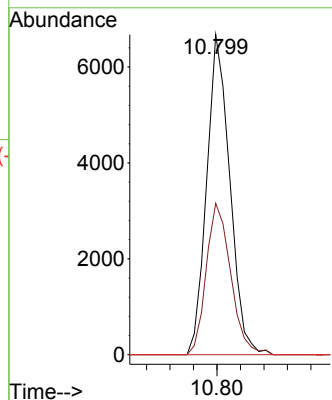
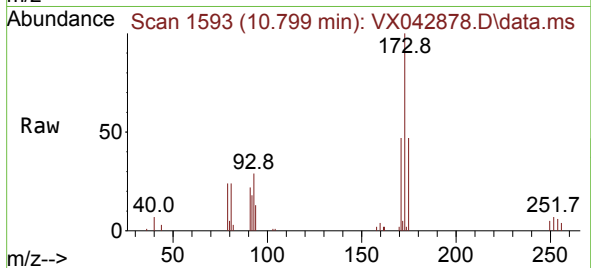
Tgt Ion:173 Resp: 9126

Ion Ratio Lower Upper

173 100

175 50.1 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: VX042878.D

Acq: 06 Aug 2024 18:41

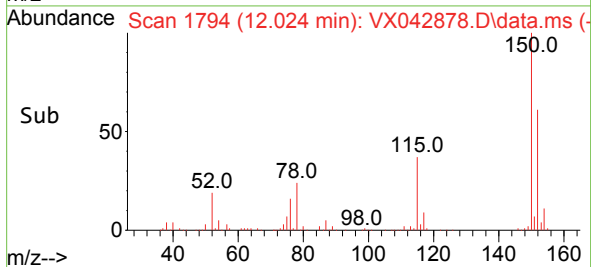
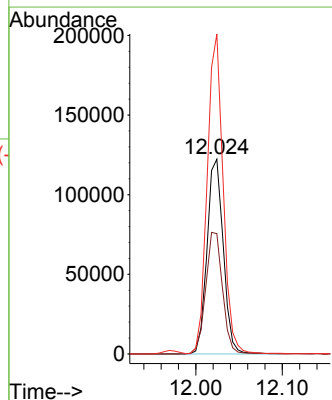
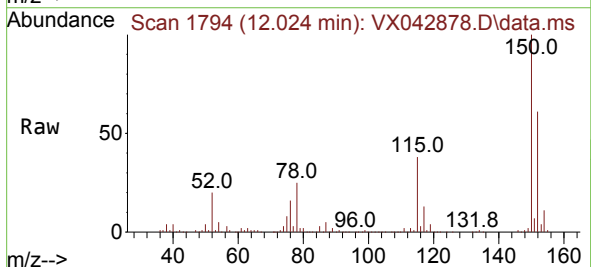
Tgt Ion:152 Resp: 159705

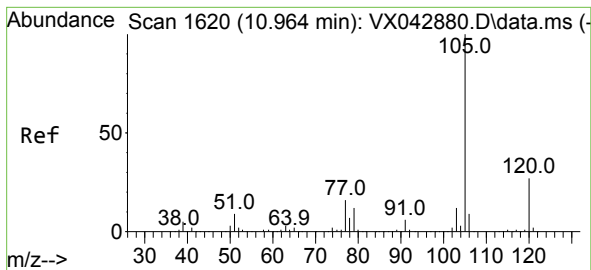
Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 159.0 0.0 345.0





#73

Isopropylbenzene

Concen: 5.130 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

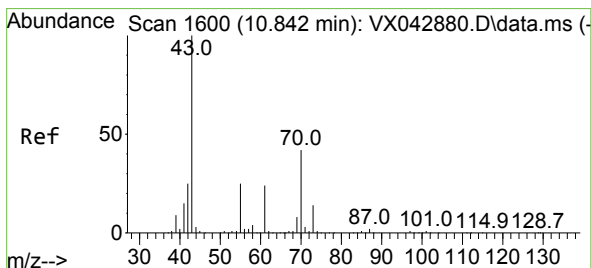
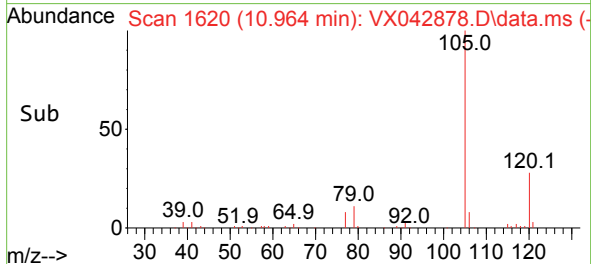
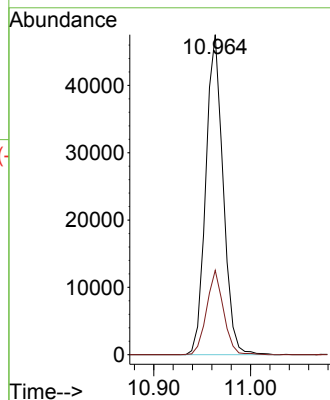
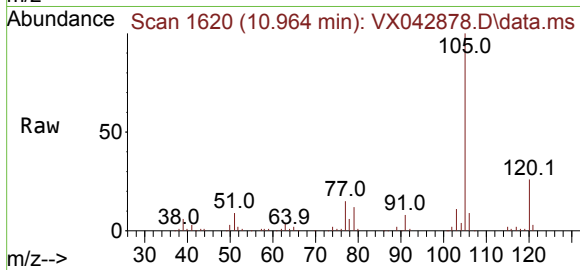
VSTDIC005

Tgt Ion:105 Resp: 59234

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 4.791 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Tgt Ion: 43 Resp: 24889

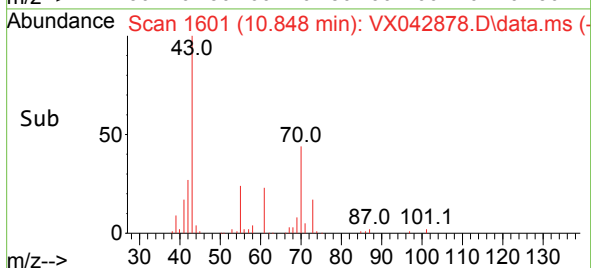
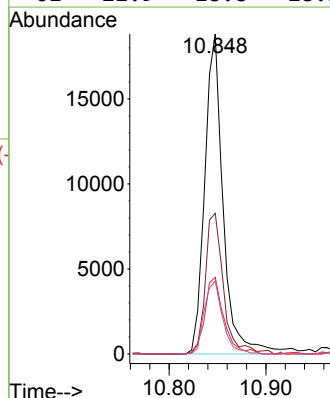
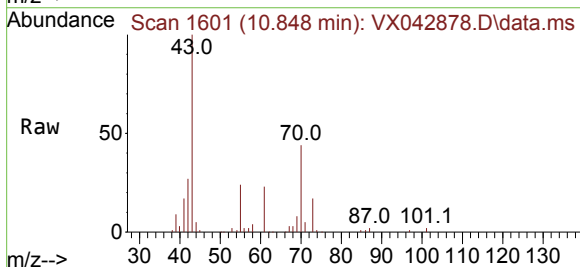
Ion Ratio Lower Upper

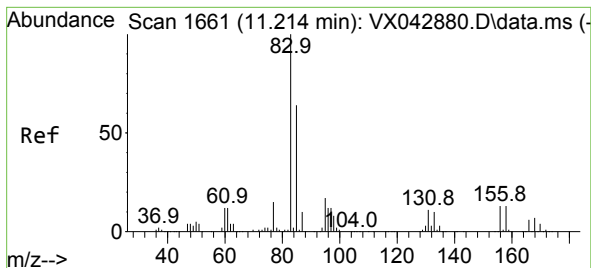
43 100

70 43.6 32.9 49.3

55 24.8 19.3 28.9

61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.294 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

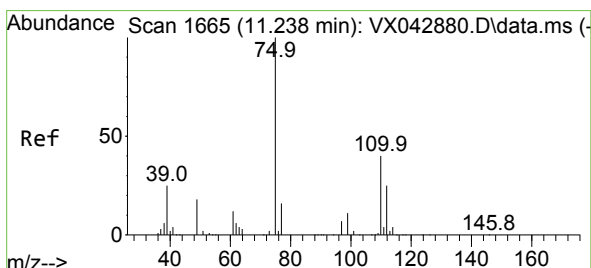
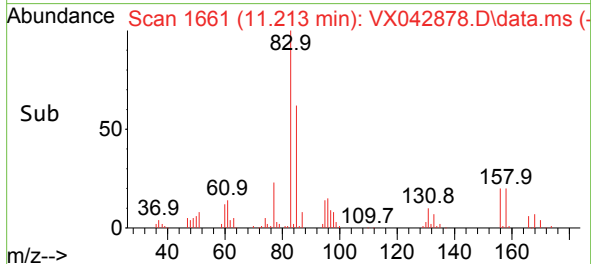
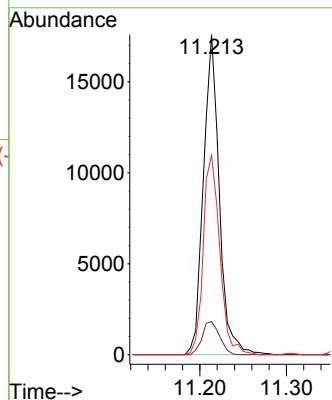
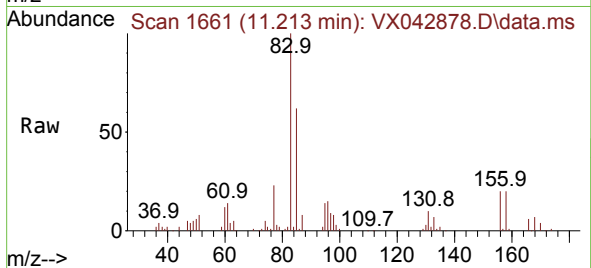
Tgt Ion: 83 Resp: 22395

Ion Ratio Lower Upper

83 100

131 11.3 5.3 15.8

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 6.425 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042878.D

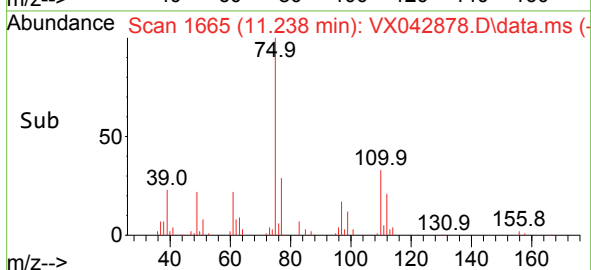
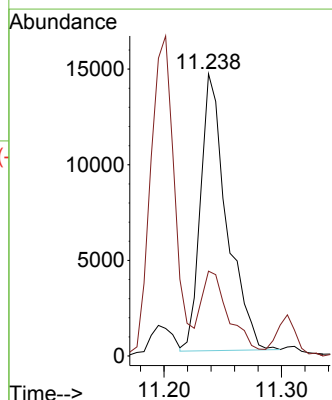
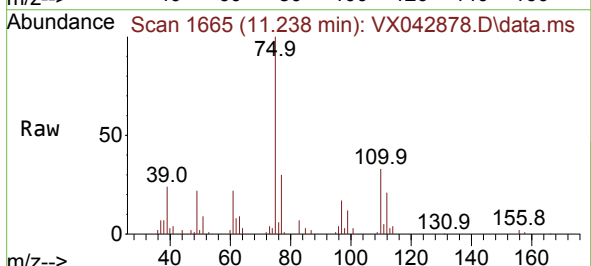
Acq: 06 Aug 2024 18:41

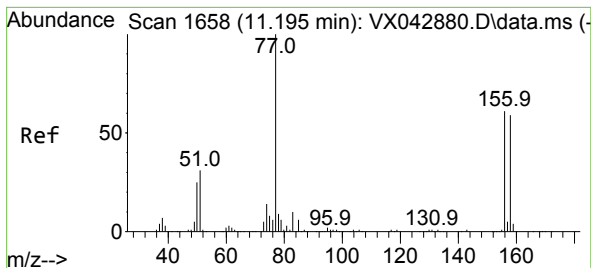
Tgt Ion: 75 Resp: 22509

Ion Ratio Lower Upper

75 100

77 33.0 19.1 57.5





#77

Bromobenzene

Concen: 5.265 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

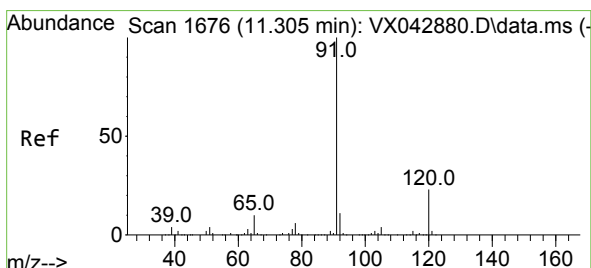
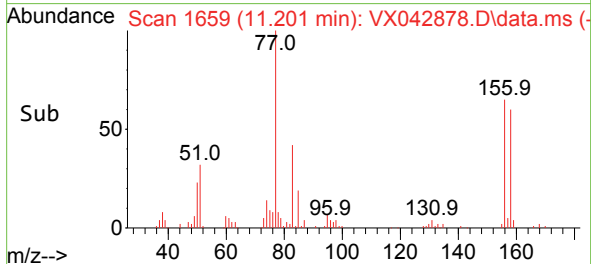
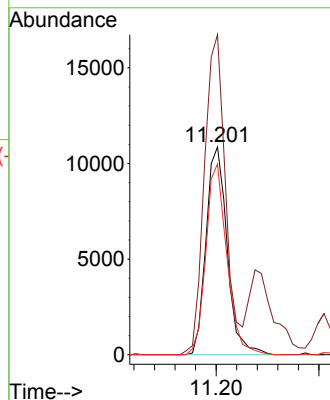
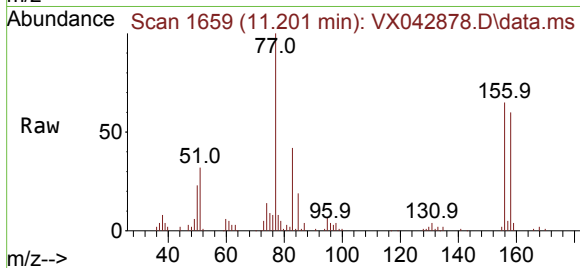
Tgt Ion:156 Resp: 15463

Ion Ratio Lower Upper

156 100

77 154.1 88.4 265.3

158 91.6 48.0 144.0



#78

n-propylbenzene

Concen: 4.937 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042878.D

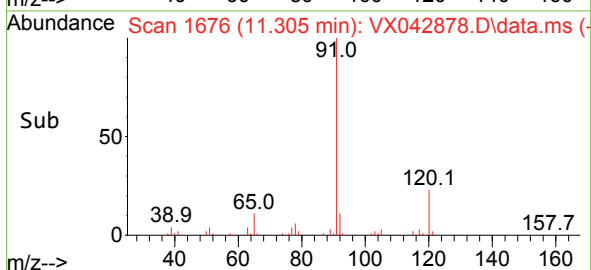
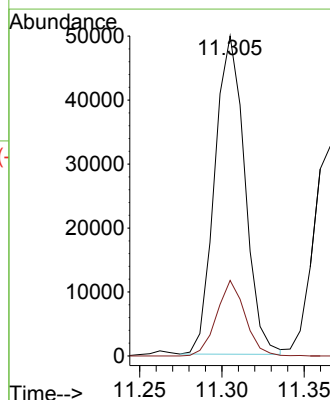
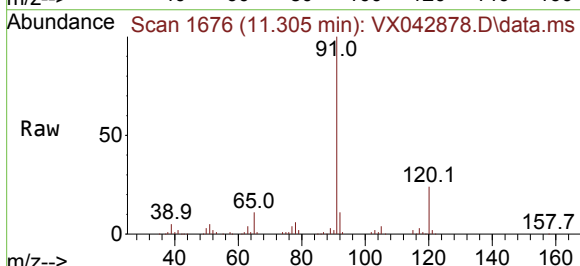
Acq: 06 Aug 2024 18:41

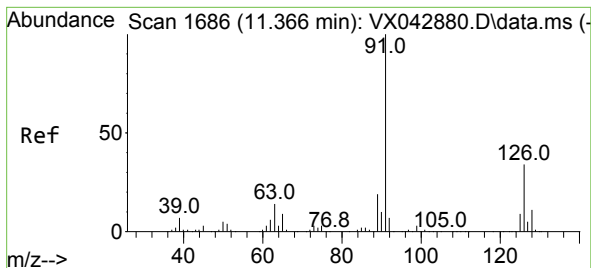
Tgt Ion: 91 Resp: 63321

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

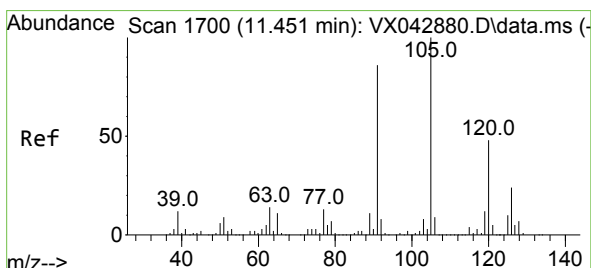
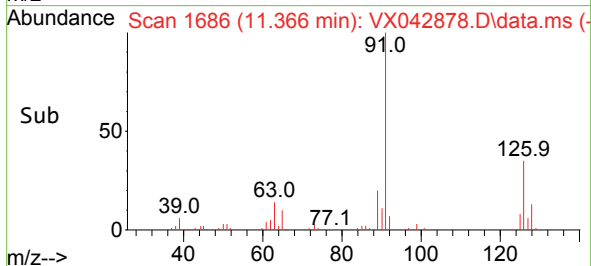
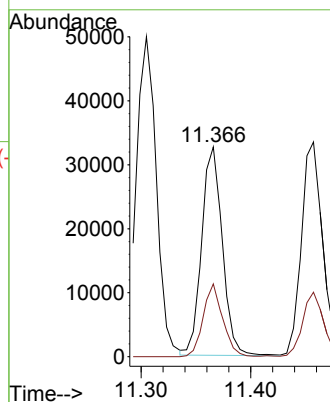
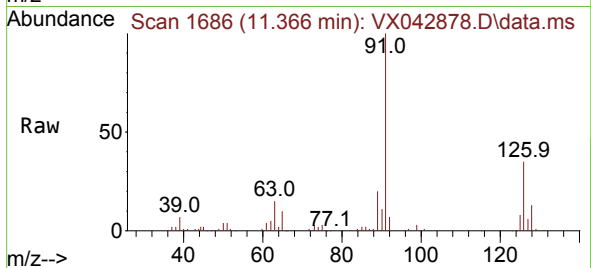




#79
2-Chlorotoluene
Concen: 5.182 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

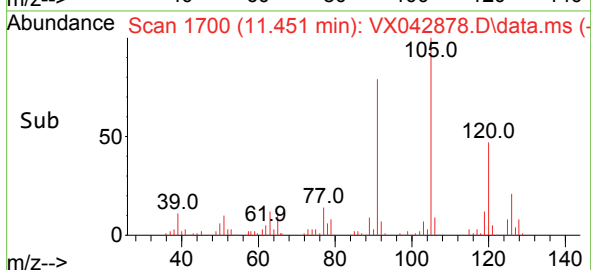
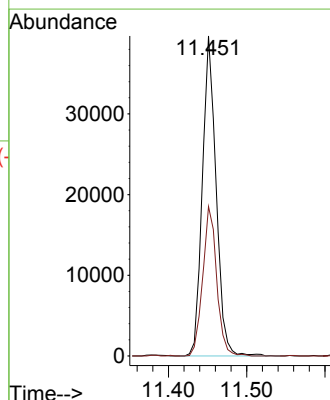
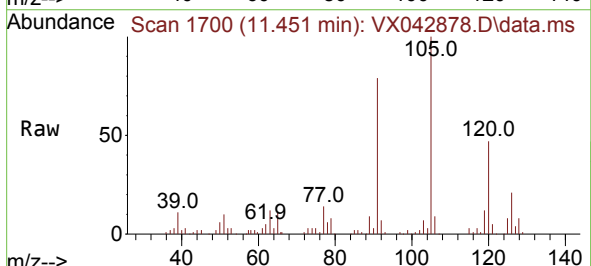
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

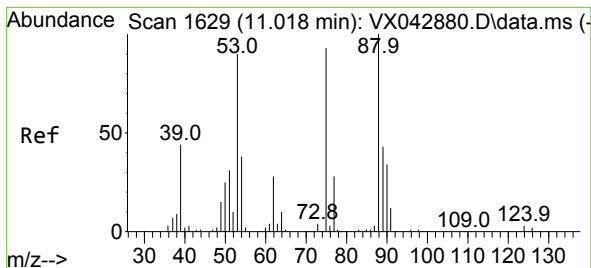
Tgt Ion: 91 Resp: 42601
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.055 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 105 Resp: 48330
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3

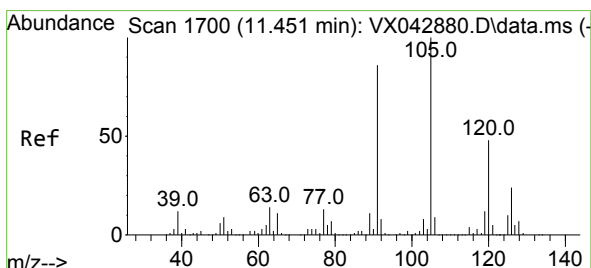
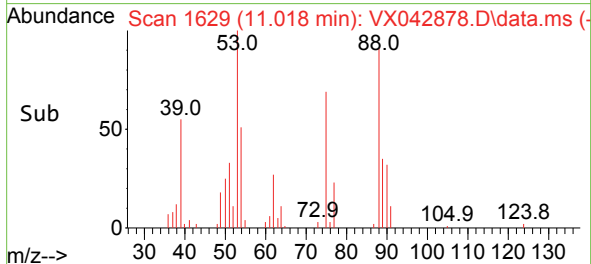
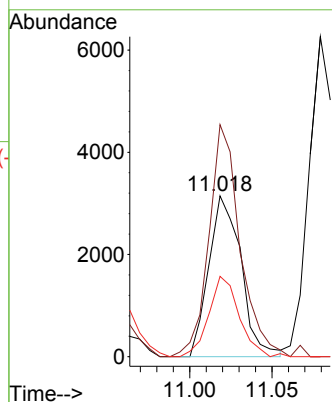
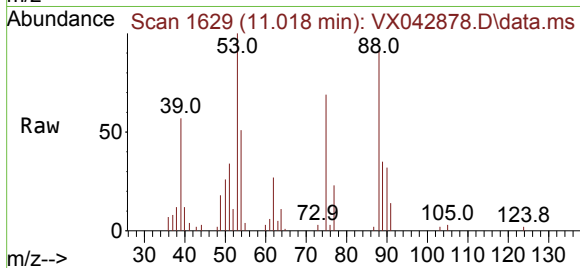




#81
trans-1,4-Dichloro-2-butene
Concen: 3.884 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

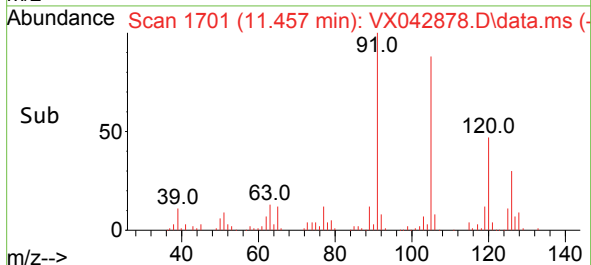
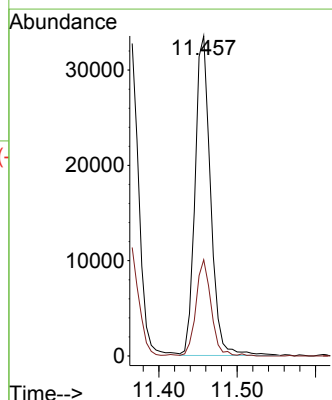
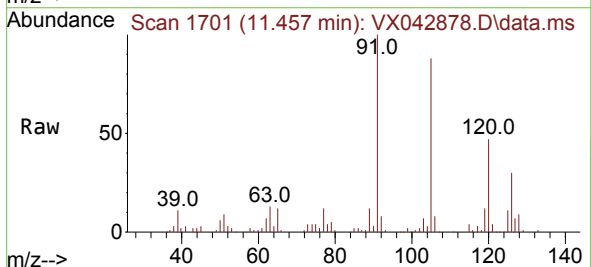
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

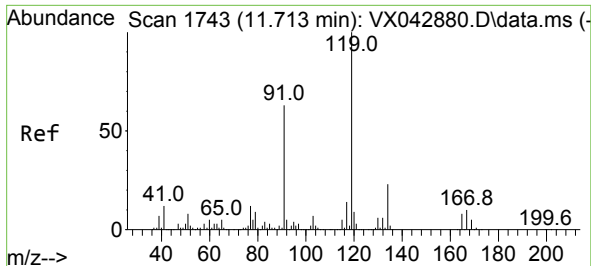
Tgt Ion: 75 Resp: 4290
Ion Ratio Lower Upper
75 100
53 139.0 90.5 135.7#
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 4.999 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion: 91 Resp: 46194
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6

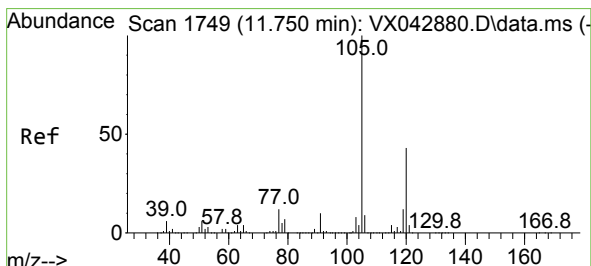
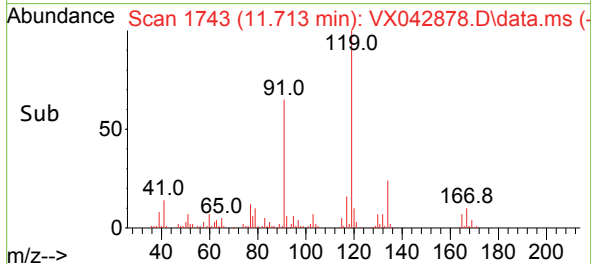
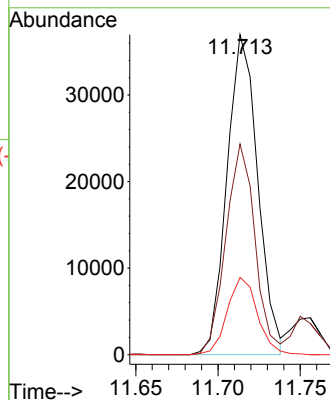
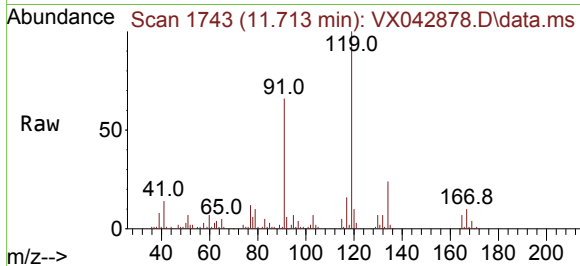




#83
 tert-Butylbenzene
 Concen: 4.916 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

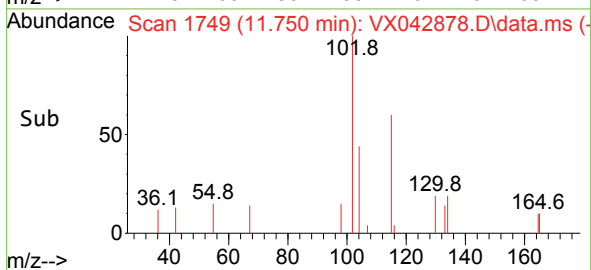
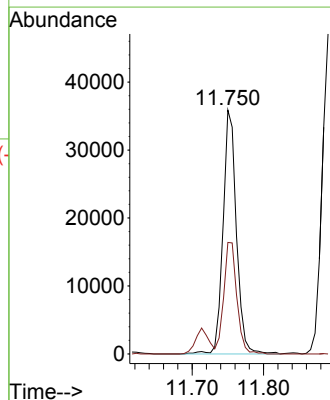
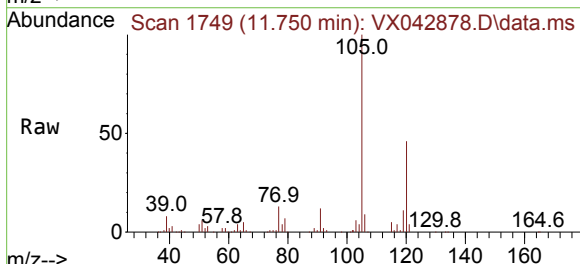
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

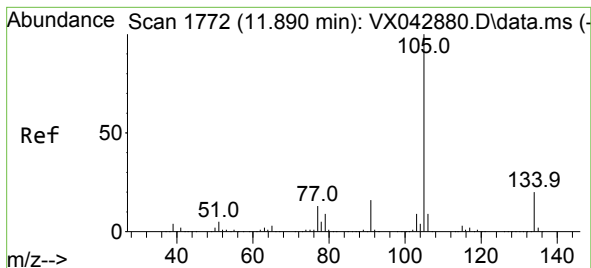
Tgt Ion:	119	Resp:	48301
Ion	Ratio	Lower	Upper
119	100		
91	62.5	31.2	93.6
134	23.7	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.847 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX042878.D
 Acq: 06 Aug 2024 18:41

Tgt Ion:	105	Resp:	46653
Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.2	63.6

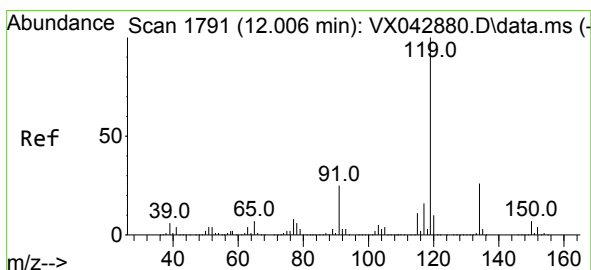
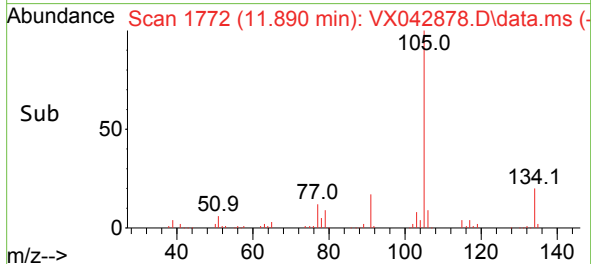
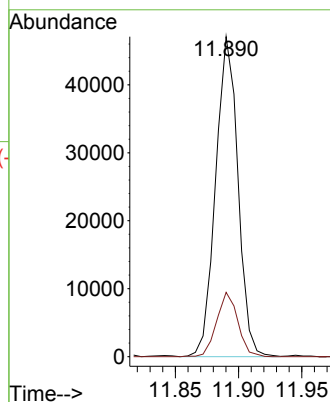
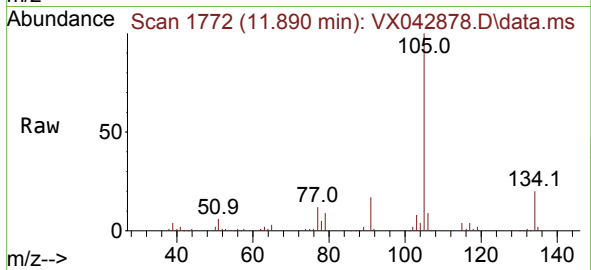




#85
sec-Butylbenzene
Concen: 4.987 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

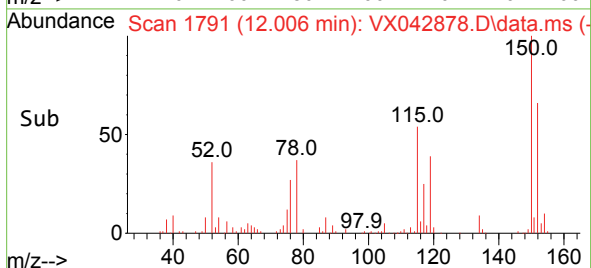
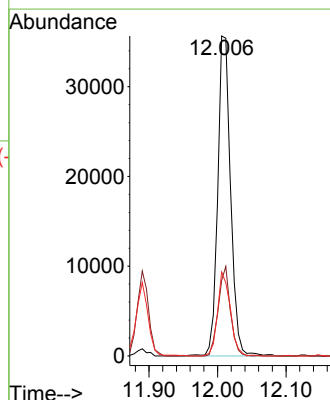
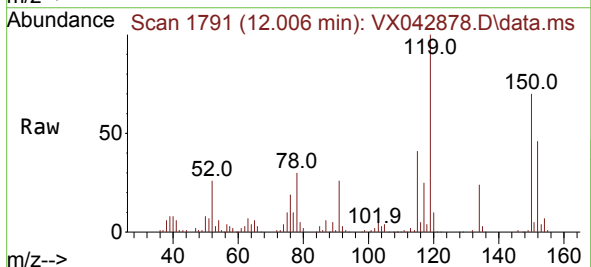
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

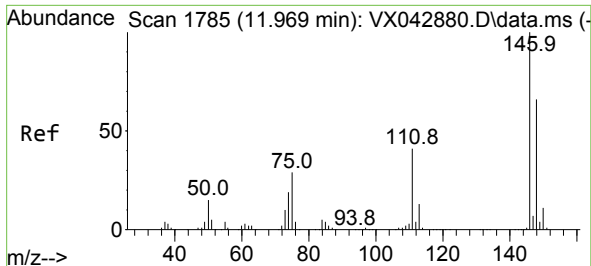
Tgt Ion:105 Resp: 57699
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.4



#86
p-Isopropyltoluene
Concen: 4.822 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:119 Resp: 46352
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.3
91 25.9 13.1 39.3

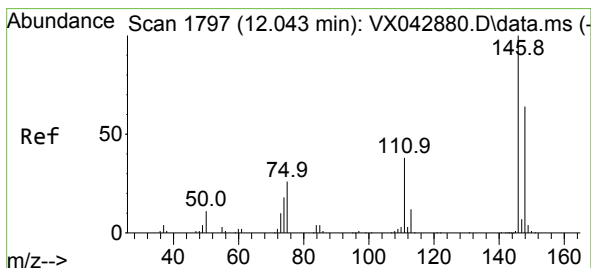
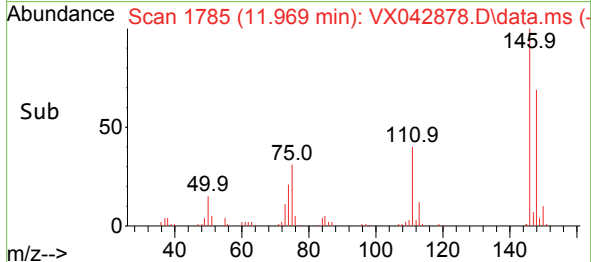
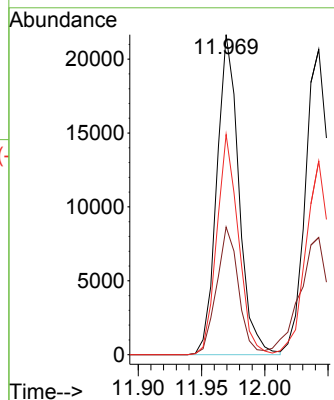
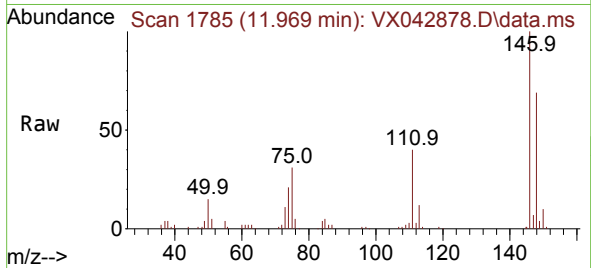




#87
1,3-Dichlorobenzene
Concen: 4.946 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

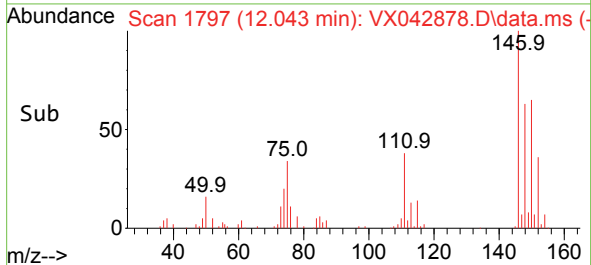
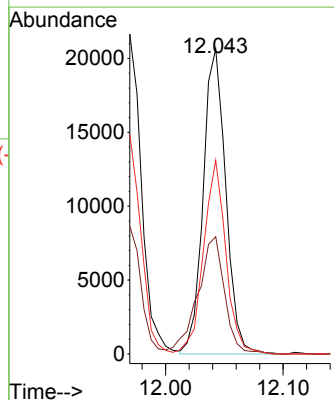
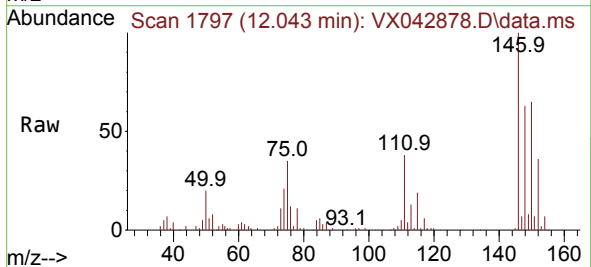
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

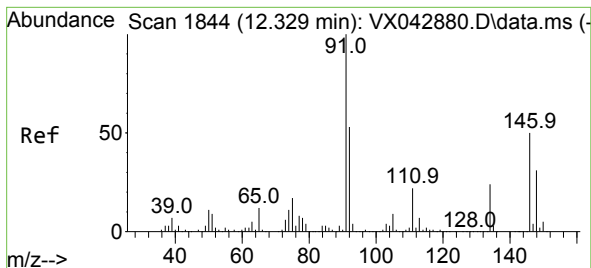
Tgt Ion:146 Resp: 26290
Ion Ratio Lower Upper
146 100
111 39.7 22.1 66.1
148 66.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.065 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:146 Resp: 27597
Ion Ratio Lower Upper
146 100
111 45.9 21.3 63.7
148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 4.522 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

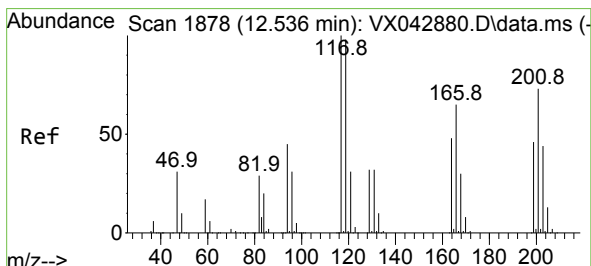
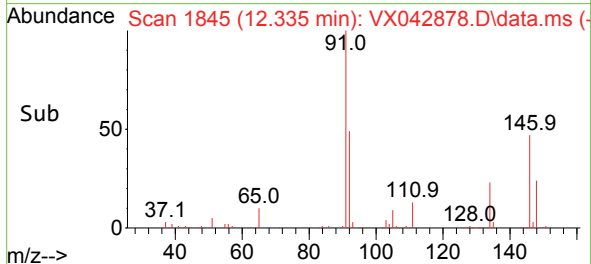
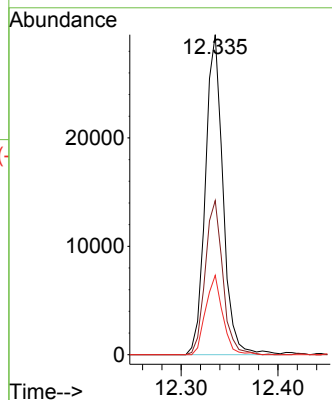
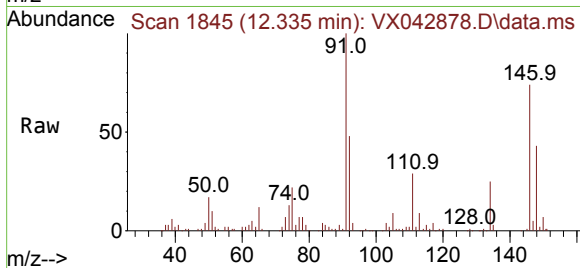
Tgt Ion: 91 Resp: 37502

Ion Ratio Lower Upper

91 100

92 48.1 27.4 82.0

134 24.0 12.6 37.8



#90

Hexachloroethane

Concen: 4.591 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX042878.D

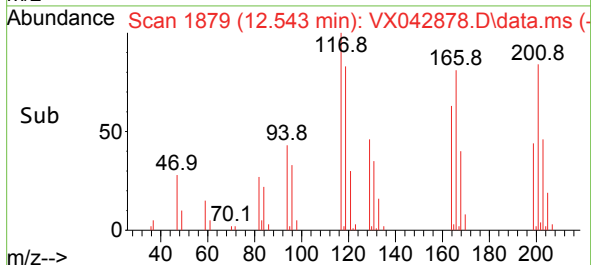
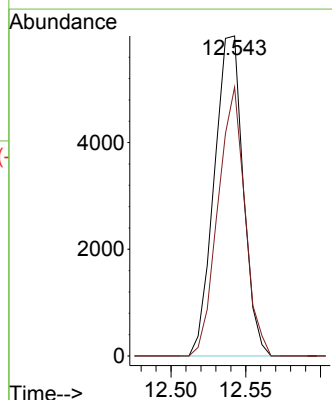
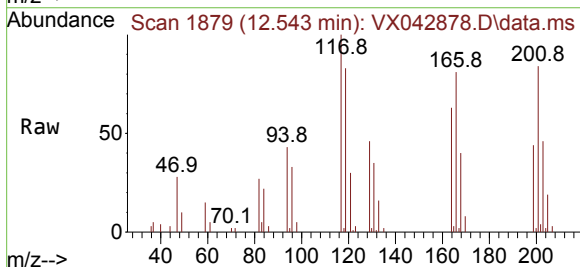
Acq: 06 Aug 2024 18:41

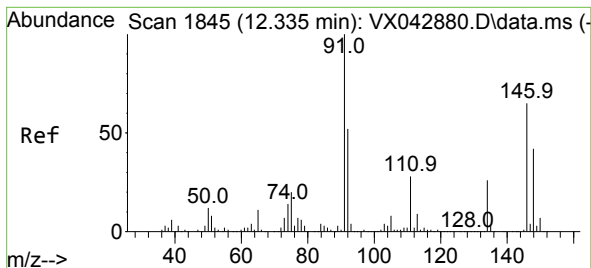
Tgt Ion: 117 Resp: 8073

Ion Ratio Lower Upper

117 100

201 78.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.141 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

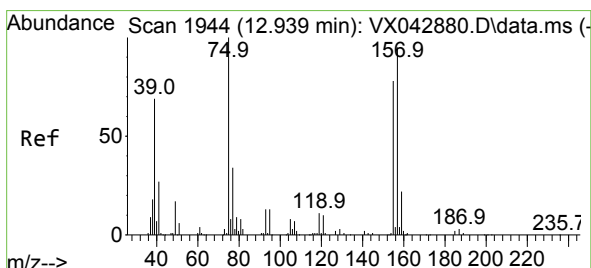
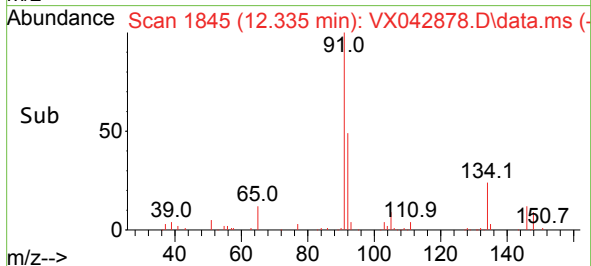
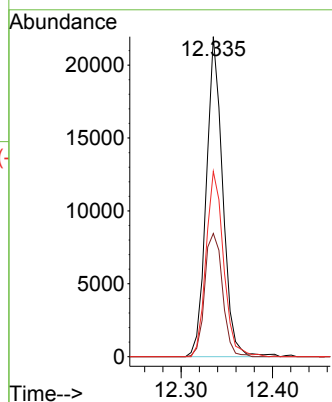
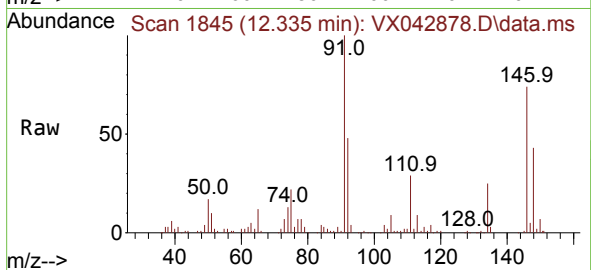
Tgt Ion:146 Resp: 27366

Ion Ratio Lower Upper

146 100

111 41.6 22.4 67.0

148 61.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.527 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

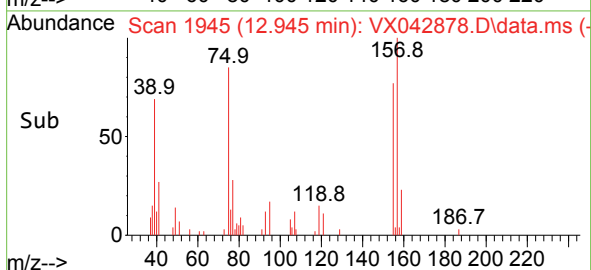
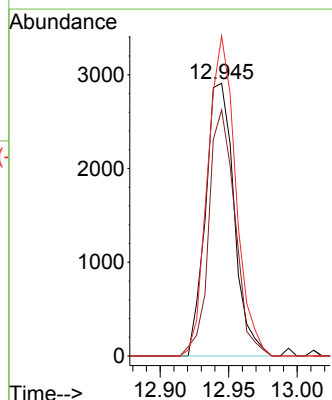
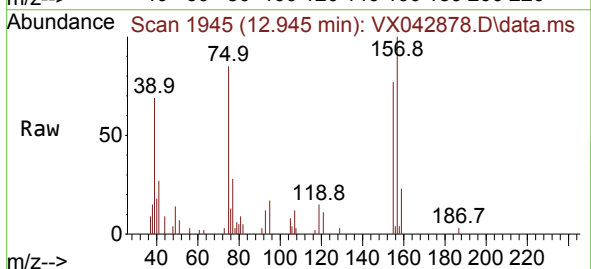
Tgt Ion: 75 Resp: 4208

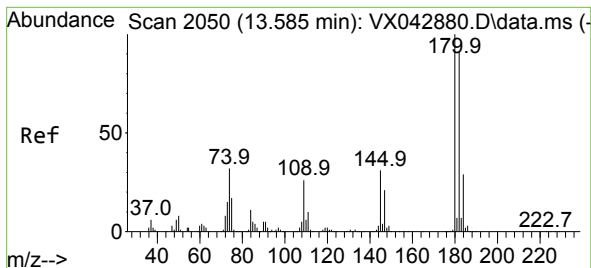
Ion Ratio Lower Upper

75 100

155 82.9 36.1 108.5

157 115.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.628 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

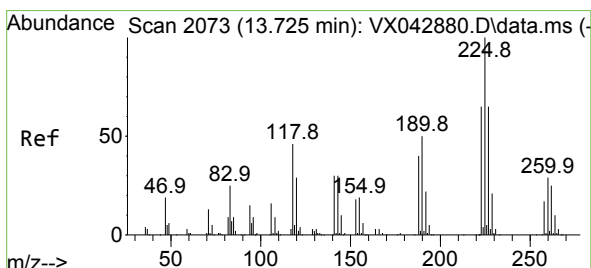
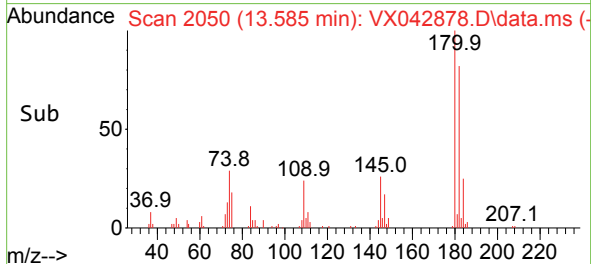
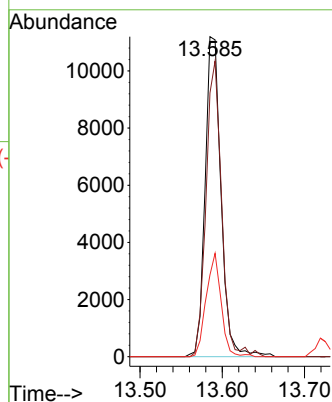
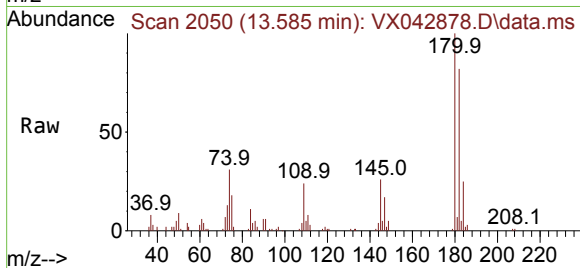
Tgt Ion:180 Resp: 15026

Ion Ratio Lower Upper

180 100

182 90.7 48.3 144.8

145 30.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 4.933 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042878.D

Acq: 06 Aug 2024 18:41

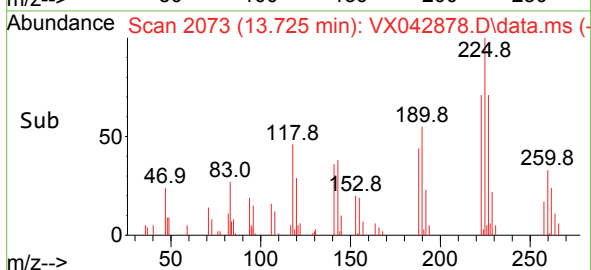
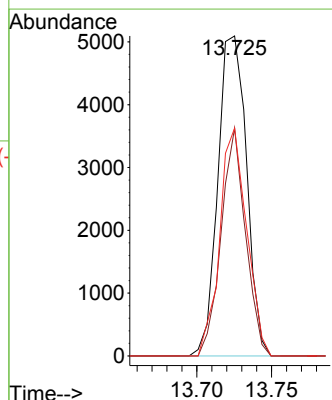
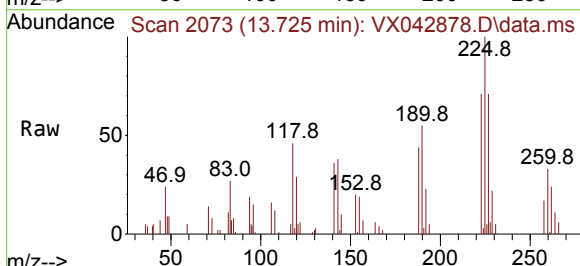
Tgt Ion:225 Resp: 6793

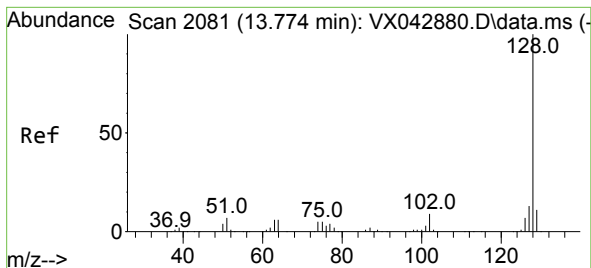
Ion Ratio Lower Upper

225 100

223 60.4 31.1 93.2

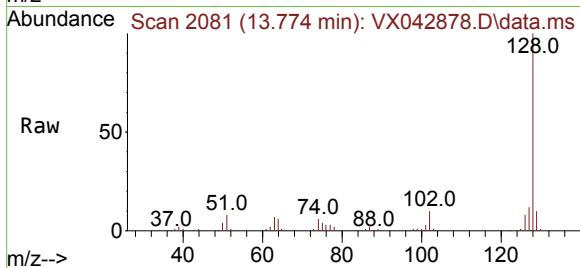
227 67.0 32.5 97.5



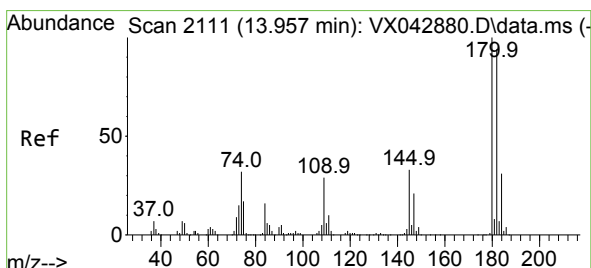
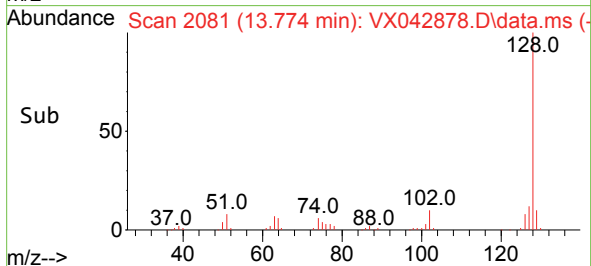
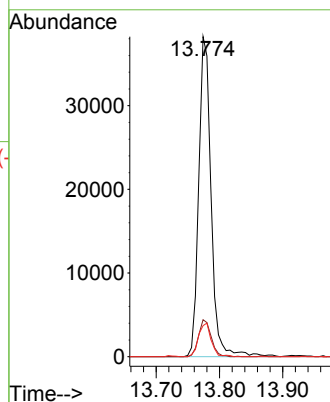


#95
Naphthalene
Concen: 4.644 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:	128	Resp:	52181
Ion Ratio	Lower	Upper	
128	100		
127	11.7	10.3	15.5
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.661 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX042878.D
Acq: 06 Aug 2024 18:41

Tgt Ion:	180	Resp:	15235
Ion Ratio	Lower	Upper	
180	100		
182	92.4	46.9	140.6
145	34.8	17.8	53.5

