

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041532.D
 Acq On : 15 May 2024 11:57
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: May 16 04:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28511	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	159510	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148084	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	67590	30.104	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.333%	
60) 4-Bromofluorobenzene	11.079	95	70517	30.504	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.667%	
63) Toluene-d8	8.647	98	192735	30.363	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27416	18.385	ug/l	100
3) Chloromethane	1.294	50	32286	19.771	ug/l	100
4) Vinyl Chloride	1.374	62	33538	19.507	ug/l	100
5) Bromomethane	1.599	94	20581	18.821	ug/l	100
6) Chloroethane	1.666	64	16698	19.552	ug/l	100
7) Trichlorofluoromethane	1.867	101	51463	19.720	ug/l	100
8) Diethyl Ether	2.136	74	18403	18.883	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	31996	21.143	ug/l	100
10) 1,1-Dichloroethene	2.312	96	30861	21.157	ug/l	100
11) Methyl Iodide	2.447	142	33937	19.533	ug/l	100
12) Methyl Acetate	2.709	43	43654	19.879	ug/l	100
13) Acrolein	2.239	56	27250	101.888	ug/l	100
14) Acrylonitrile	3.068	53	92619	95.890	ug/l	100
15) Acetone	2.392	58	27074	104.616	ug/l	100
16) Carbon Disulfide	2.501	76	61590	18.701	ug/l	100
17) Allyl chloride	2.660	41	51436	19.870	ug/l	100
18) Methylene Chloride	2.788	84	35123	20.245	ug/l	100
19) trans-1,2-Dichloroethene	3.087	96	32425	19.385	ug/l	100
20) Diisopropyl ether	3.763	45	106571	19.594	ug/l	100
21) 1,1-Dichloroethane	3.605	63	58756	19.248	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	38603	18.992	ug/l	100
23) tert-Butyl Alcohol	3.007	59	39334	94.571	ug/l	# 100
24) Methyl tert-Butyl Ether	3.117	73	104493	19.187	ug/l	100
25) Chloroform	5.092	83	63023	19.380	ug/l	100
26) Cyclohexane	5.464	56	49330	19.379	ug/l	# 100
29) 1,1-Dichloropropene	5.690	75	40942	19.404	ug/l	100
30) 2-Butanone	4.568	43	137072	97.871	ug/l	100
31) 2,2-Dichloropropane	4.471	77	48503	19.586	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	54893	19.389	ug/l	100
33) Carbon Tetrachloride	5.678	117	46438	19.170	ug/l	100
34) Benzene	6.037	78	132158	19.832	ug/l	100
35) Methacrylonitrile	4.934	41	27699	19.606	ug/l	100
36) 1,2-Dichloroethane	6.092	62	49004	19.706	ug/l	100
37) Trichloroethene	7.123	130	36252	19.525	ug/l	100
38) Methylcyclohexane	7.379	83	52474	19.586	ug/l	100
39) 1,2-Dichloropropane	7.433	63	31564	20.038	ug/l	100
40) Dibromomethane	7.580	93	23732	19.143	ug/l	100
41) Bromodichloromethane	7.824	83	43998	18.904	ug/l	100
42) Vinyl Acetate	3.721	43	475709	97.898	ug/l	100

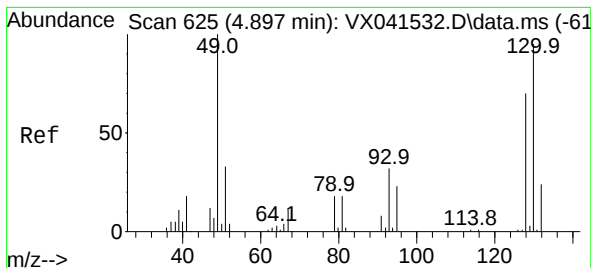
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	52782	19.532	ug/l	100
44) Isopropyl Acetate	6.342	43	78675	19.260	ug/l	100
45) 1,4-Dioxane	7.671	88	13224	301.862	ug/l #	78
46) Methyl methacrylate	7.696	41	39029	19.203	ug/l	100
47) n-amyl Acetate	10.841	43	70376	18.998	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	43003	18.398	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	47515	18.768	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	33559	19.459	ug/l	100
51) Ethyl methacrylate	9.116	69	52421	18.884	ug/l	100
52) 1,3-Dichloropropane	9.311	76	56347	19.772	ug/l	100
53) Dibromochloromethane	9.525	129	36285	18.491	ug/l	100
54) 1,2-Dibromoethane	9.610	107	35924	19.643	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	134672	99.390	ug/l	100
56) Bromoform	10.799	173	27653	17.583	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	271279	100.261	ug/l	100
59) 2-Hexanone	9.433	43	210793	97.793	ug/l	100
61) Tetrachloroethene	9.269	164	35437	19.559	ug/l	100
62) Toluene	8.720	91	145377	19.730	ug/l	100
64) Chlorobenzene	10.079	112	97304	19.441	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	33959	19.170	ug/l	100
66) Ethyl Benzene	10.195	91	160938	19.669	ug/l	100
67) m/p-Xylenes	10.299	106	129005	40.320	ug/l	100
68) o-Xylene	10.640	106	62552	19.422	ug/l	100
69) Styrene	10.659	104	104173	19.291	ug/l	100
70) Isopropylbenzene	10.963	105	164152	20.171	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	54766	19.589	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	59225	24.012	ug/l	90
73) Bromobenzene	11.201	156	46119	19.287	ug/l	100
74) n-propylbenzene	11.305	91	179656	19.578	ug/l	100
75) 2-Chlorotoluene	11.366	91	113888	19.763	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	135470	19.502	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14245	17.976	ug/l	100
78) 4-Chlorotoluene	11.457	91	129039	19.660	ug/l	100
79) tert-butylbenzene	11.713	119	144140	19.496	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	137759	19.786	ug/l	100
81) sec-Butylbenzene	11.890	105	168081	19.456	ug/l	100
82) p-Isopropyltoluene	12.006	119	146162	19.327	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	82107	19.145	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	83018	19.158	ug/l	100
85) n-Butylbenzene	12.335	91	112949	18.561	ug/l	100
86) Hexachloroethane	12.536	117	23054	18.104	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	84682	19.346	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11525	18.771	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	55088	18.730	ug/l	100
90) Hexachlorobutadiene	13.725	225	27514	19.175	ug/l	100
91) Naphthalene	13.774	128	167761	19.084	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	58080	19.328	ug/l	100

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041532.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

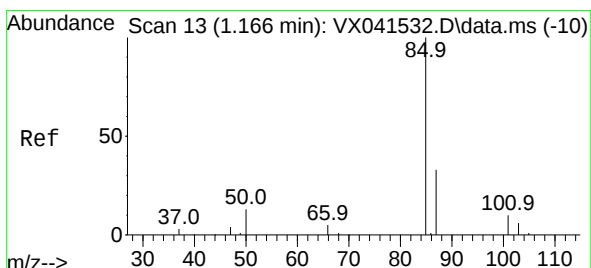
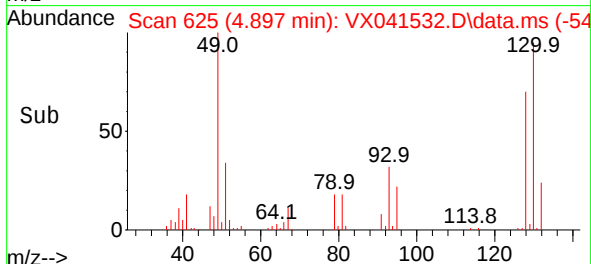
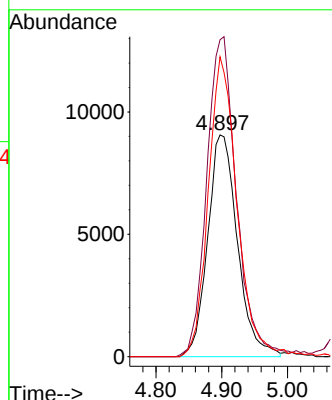
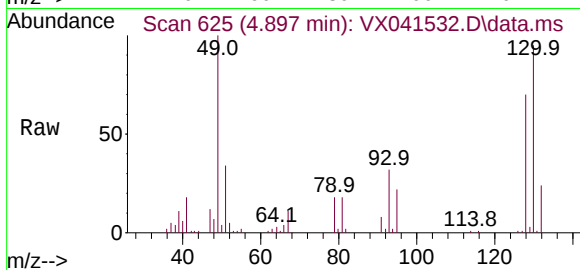
Tgt Ion:128 Resp: 28511

Ion Ratio Lower Upper

128 100

49 144.6 0.0 361.5

130 129.7 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 18.385 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041532.D

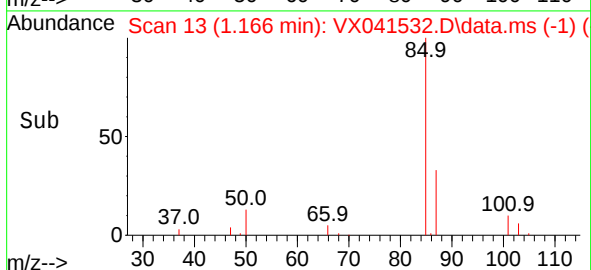
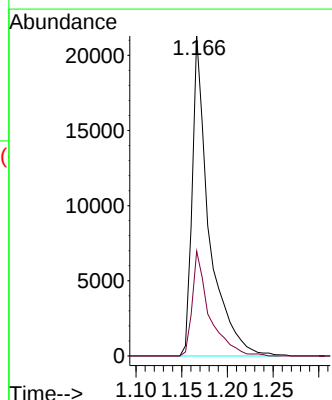
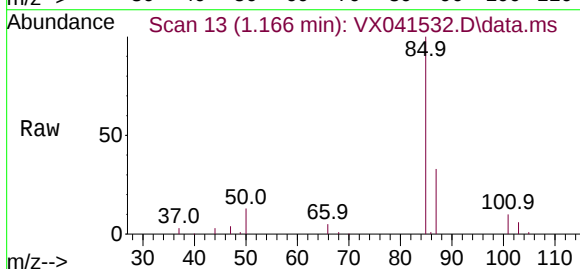
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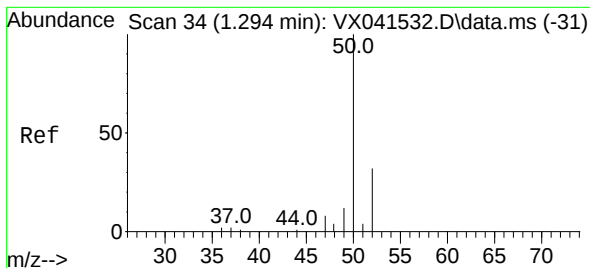
Tgt Ion: 85 Resp: 27416

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1





#3

Chloromethane

Concen: 19.771 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

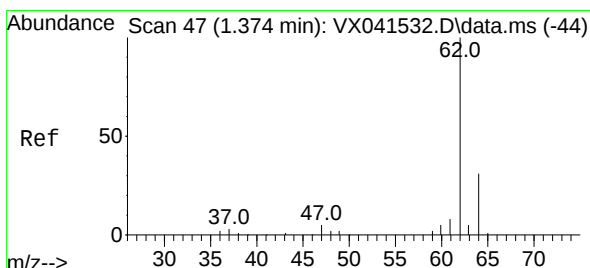
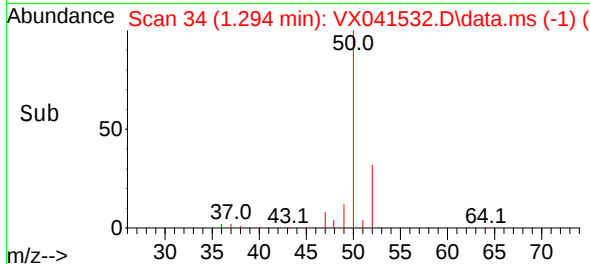
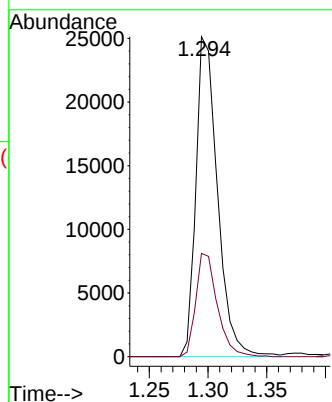
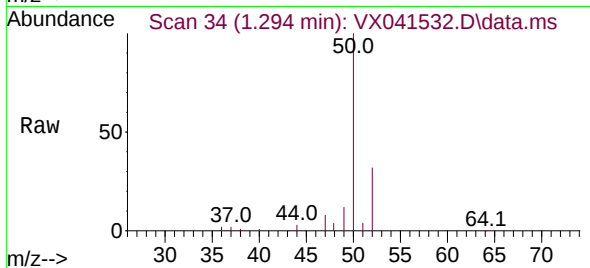
VSTDICCC020

Tgt Ion: 50 Resp: 32286

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 19.507 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041532.D

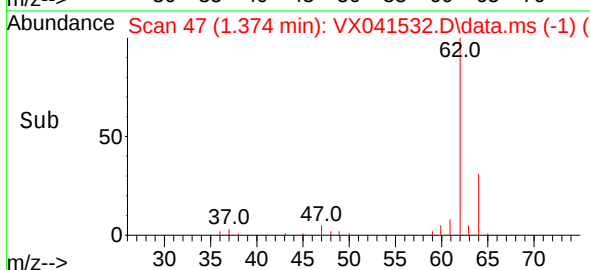
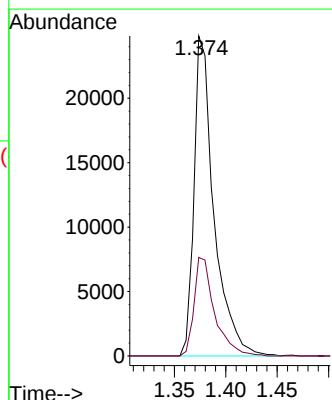
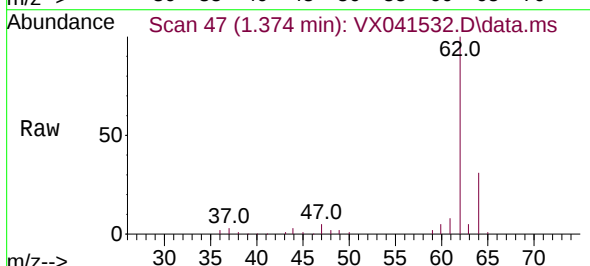
Acq: 15 May 2024 11:57

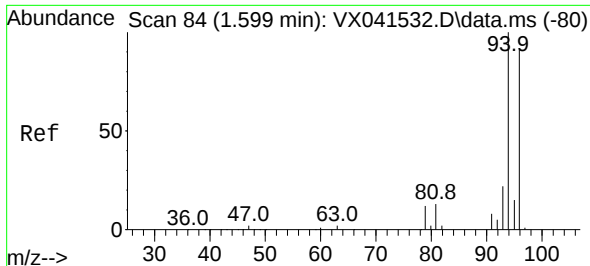
Tgt Ion: 62 Resp: 33538

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0

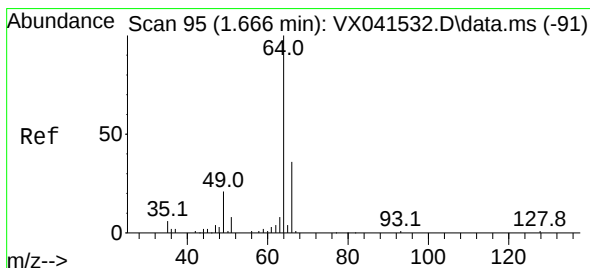
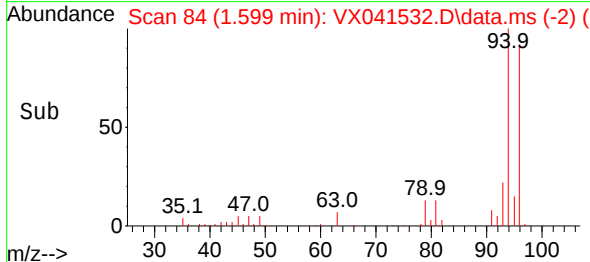
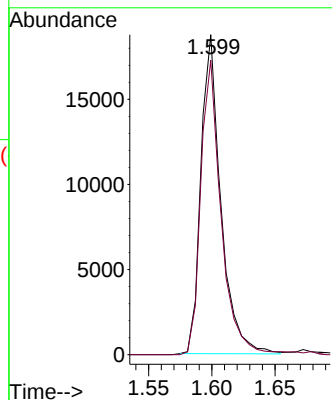
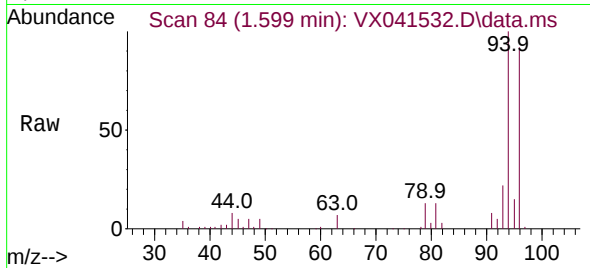




#5
Bromomethane
Concen: 18.821 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

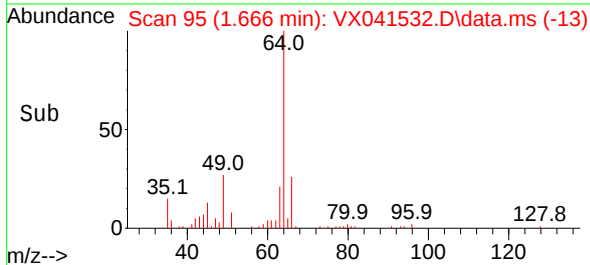
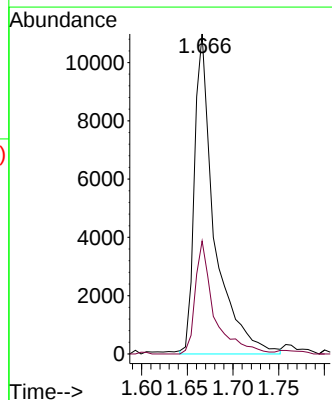
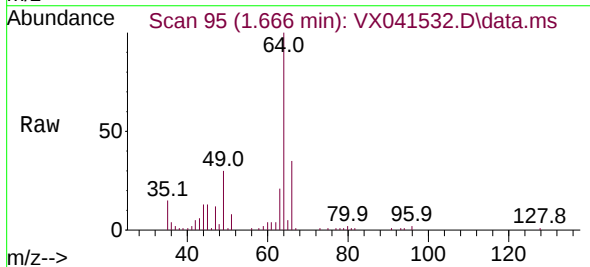
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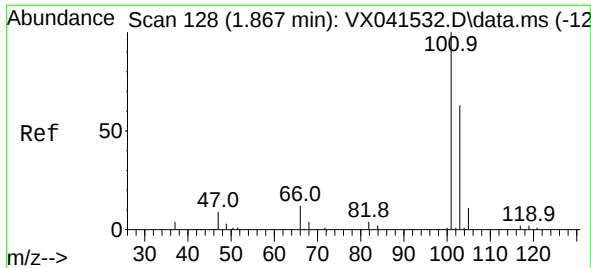
Tgt Ion: 94 Resp: 20581
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9



#6
Chloroethane
Concen: 19.552 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 64 Resp: 16698
Ion Ratio Lower Upper
64 100
66 35.7 28.6 42.8

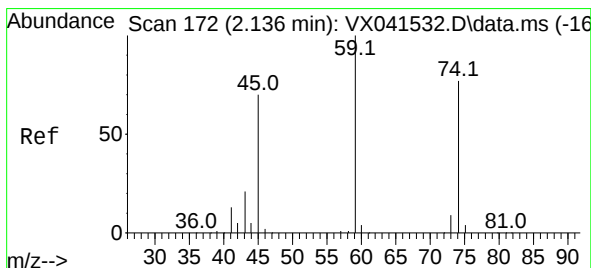
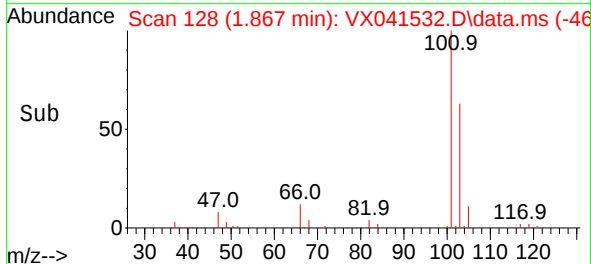
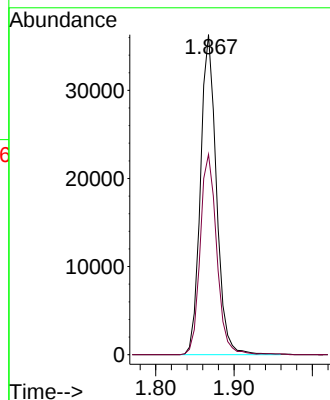
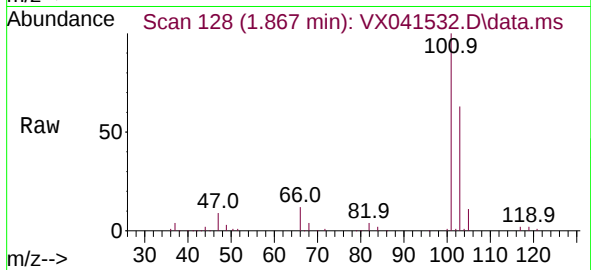




#7
 Trichlorofluoromethane
 Concen: 19.720 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

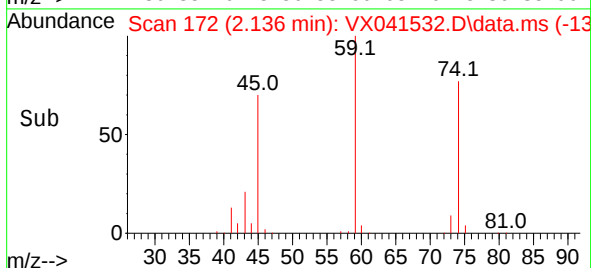
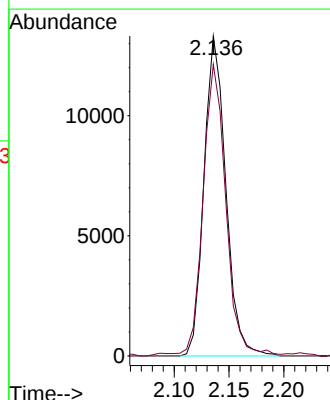
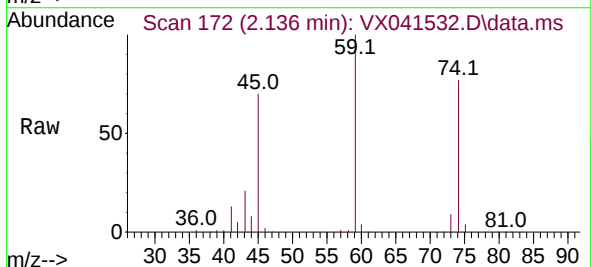
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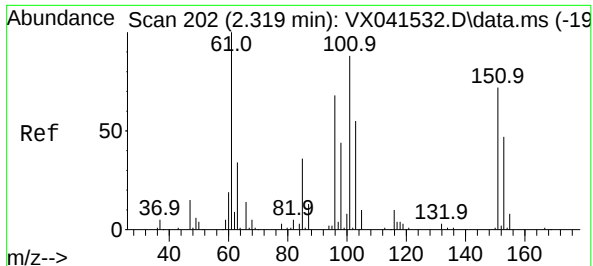
Tgt Ion:101 Resp: 51463
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.883 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

Tgt Ion: 74 Resp: 18403
 Ion Ratio Lower Upper
 74 100
 45 93.0 18.6 167.4

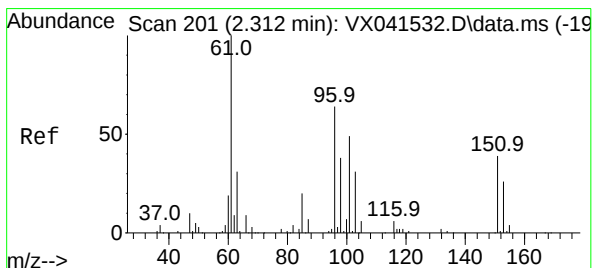
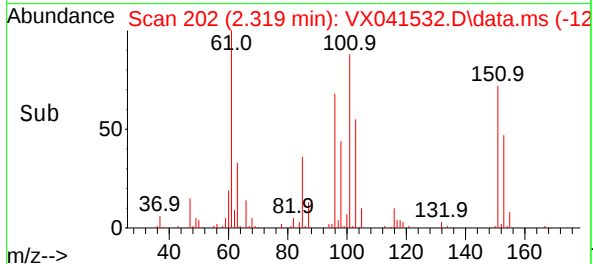
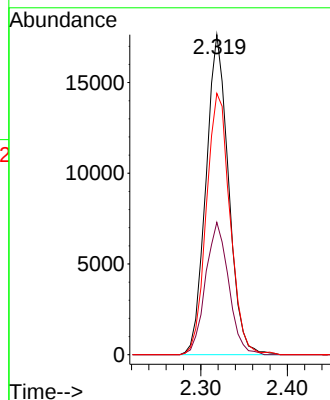
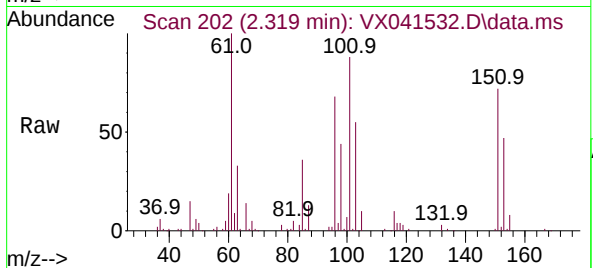




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.143 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

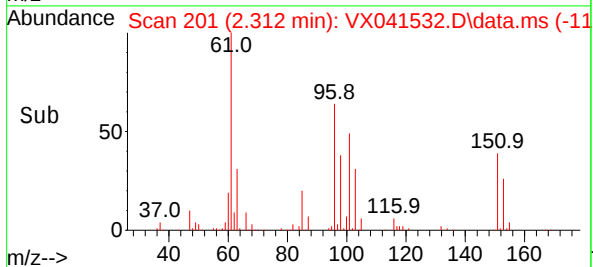
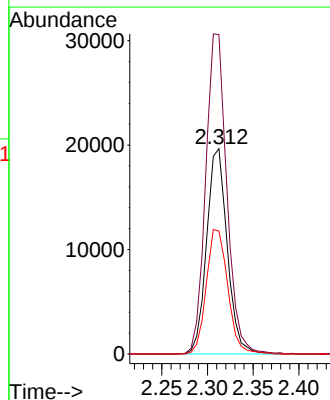
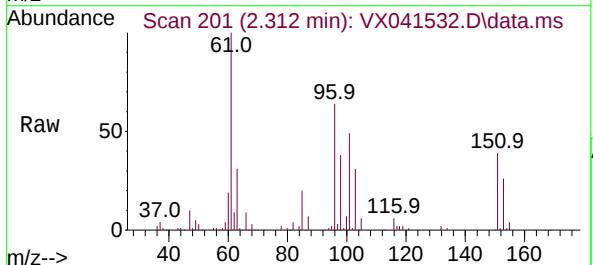
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MSVOA_X
ClientSampleId :
VSTDICCC020

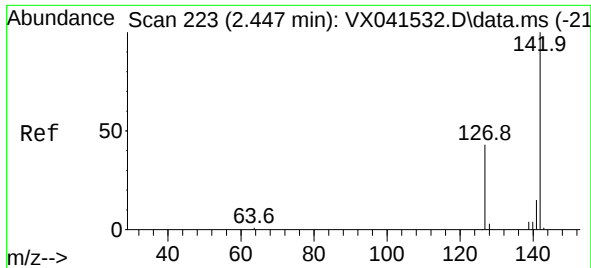
Tgt Ion:101 Resp: 31996
Ion Ratio Lower Upper
101 100
85 42.3 0.0 84.6
151 85.1 0.0 170.2



#10
1,1-Dichloroethene
Concen: 21.157 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 96 Resp: 30861
Ion Ratio Lower Upper
96 100
61 155.6 124.5 186.7
98 59.9 47.9 71.9

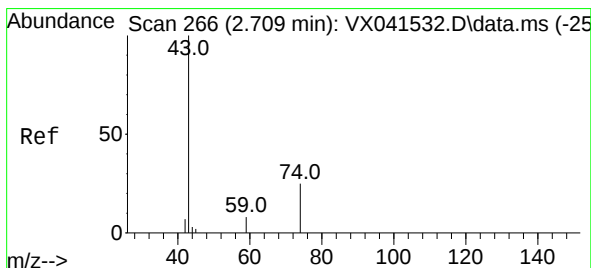
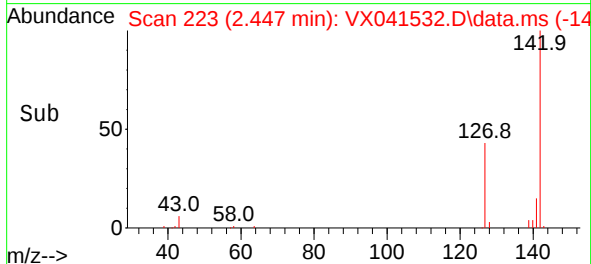
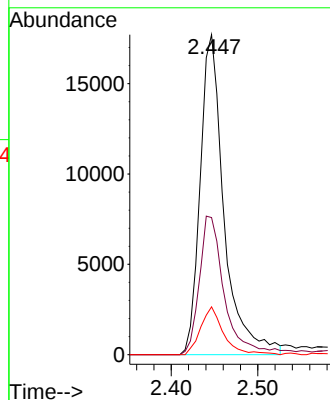
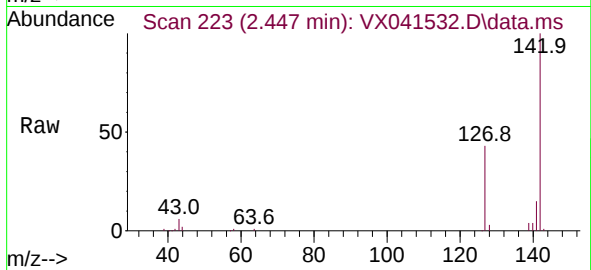




#11
Methyl Iodide
Concen: 19.533 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

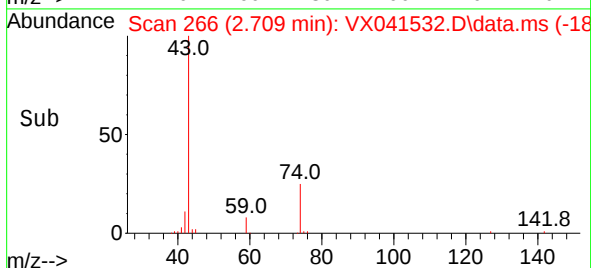
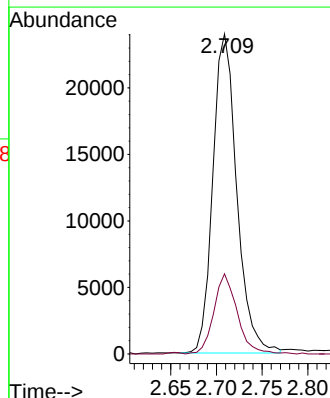
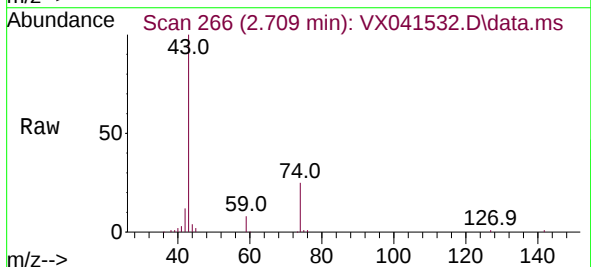
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

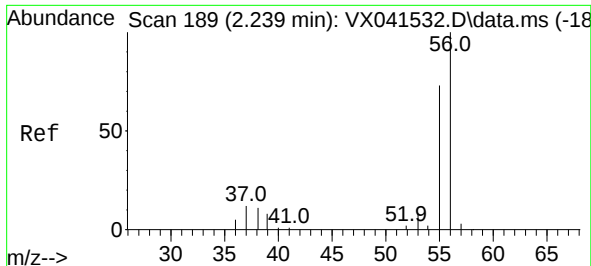
Tgt Ion:142 Resp: 33937
Ion Ratio Lower Upper
142 100
127 42.8 21.4 64.2
141 15.2 7.6 22.8



#12
Methyl Acetate
Concen: 19.879 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 43654
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9





#13

Acrolein

Concen: 101.888 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

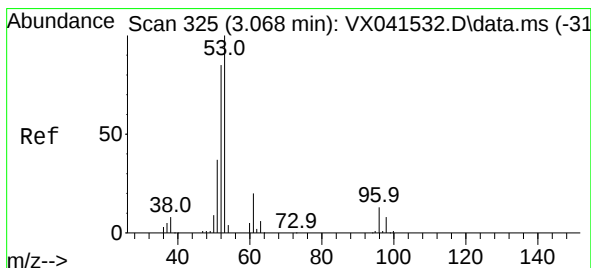
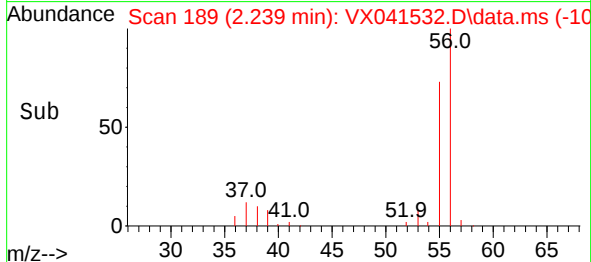
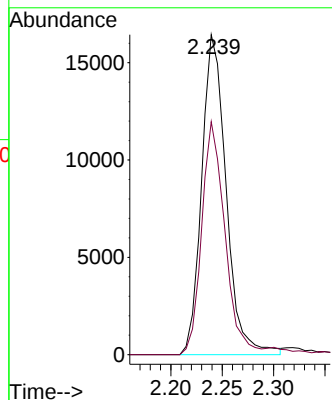
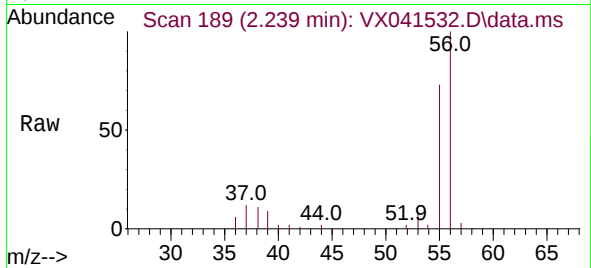
VSTDICCC020

Tgt Ion: 56 Resp: 27250

Ion Ratio Lower Upper

56 100

55 68.9 55.1 82.7



#14

Acrylonitrile

Concen: 95.890 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

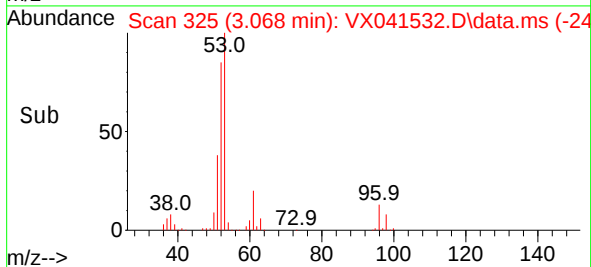
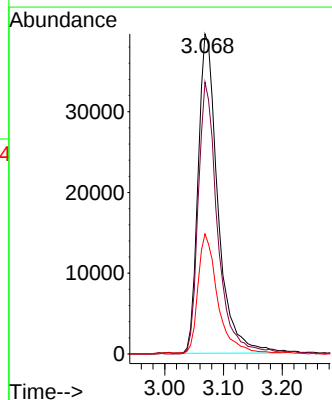
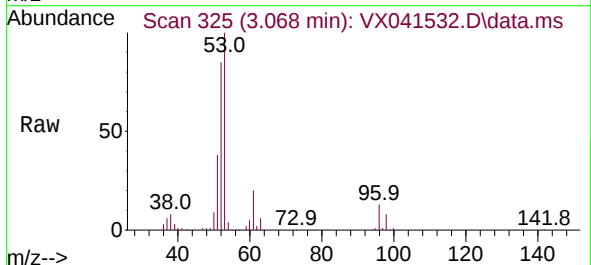
Tgt Ion: 53 Resp: 92619

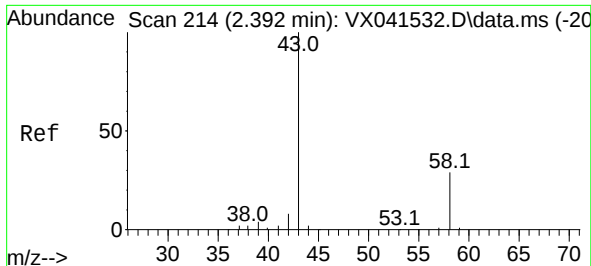
Ion Ratio Lower Upper

53 100

52 82.5 41.3 123.7

51 36.7 18.4 55.0

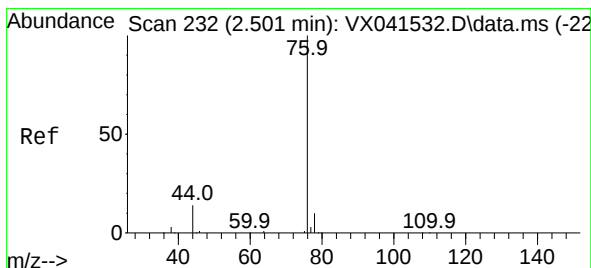
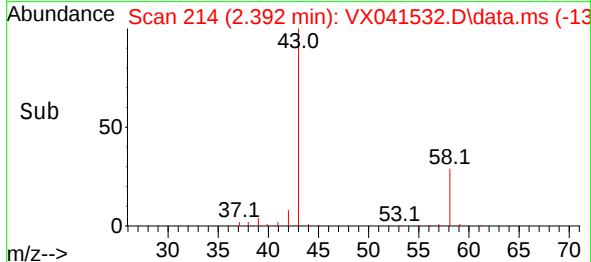
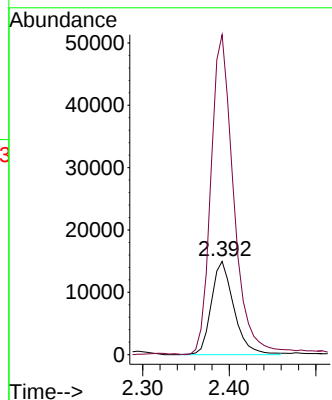
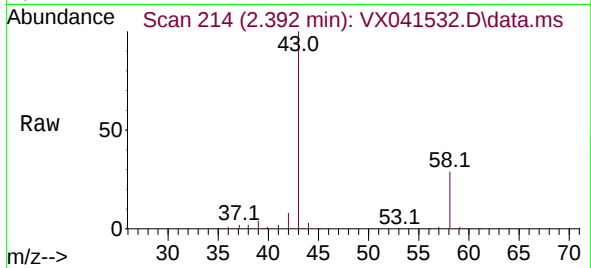




#15
Acetone
Concen: 104.616 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

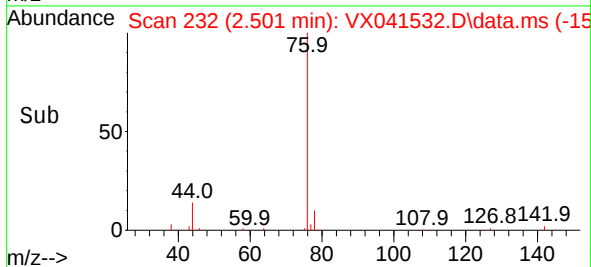
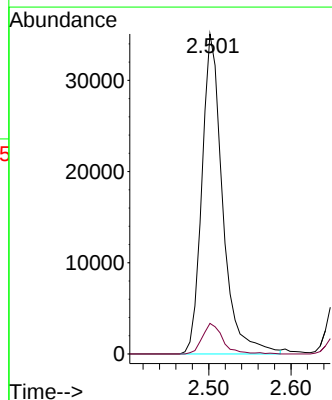
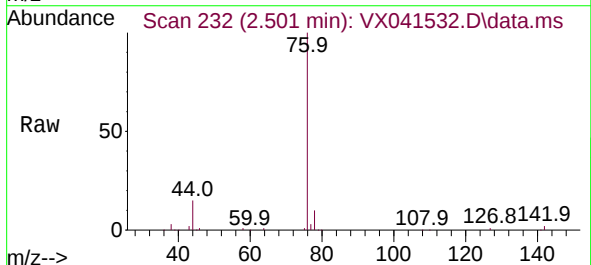
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

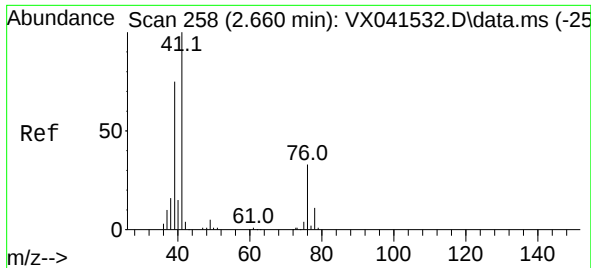
Tgt Ion: 58 Resp: 27074
Ion Ratio Lower Upper
58 100
43 342.5 274.0 411.0



#16
Carbon Disulfide
Concen: 18.701 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 76 Resp: 61590
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

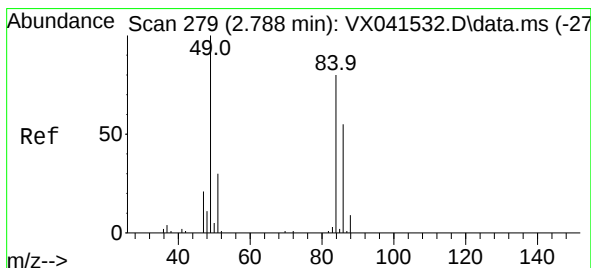
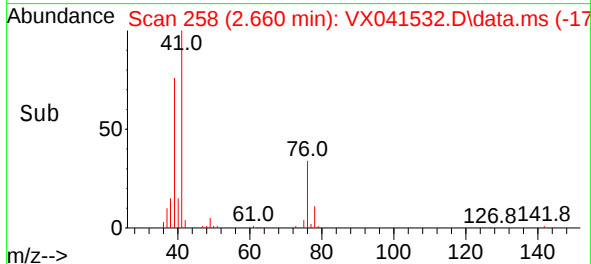
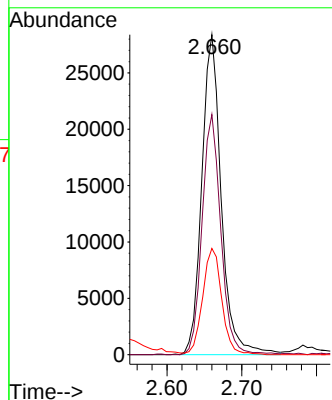
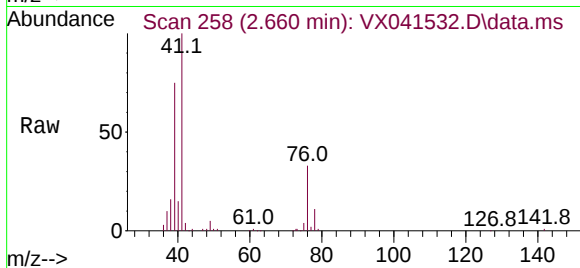




#17
 Allyl chloride
 Concen: 19.870 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

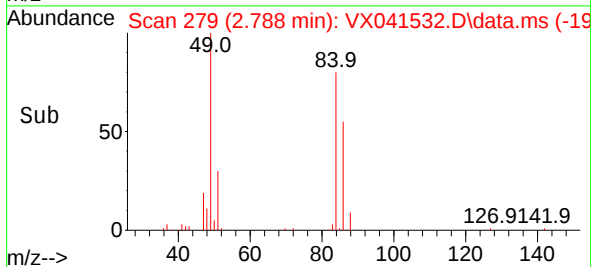
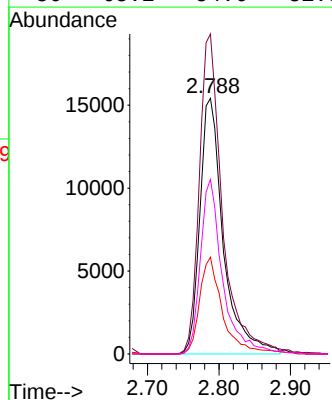
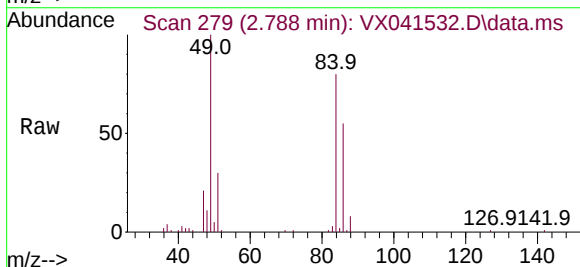
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

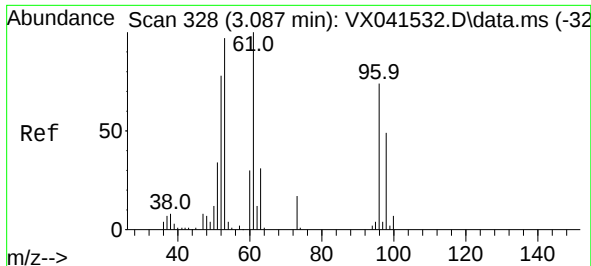
Tgt Ion:	41	Resp:	51436
Ion	Ratio	Lower	Upper
41	100		
39	75.1	37.5	112.7
76	33.2	16.6	49.8



#18
 Methylene Chloride
 Concen: 20.245 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

Tgt Ion:	84	Resp:	35123
Ion	Ratio	Lower	Upper
84	100		
49	124.8	99.8	149.8
51	37.8	30.2	45.4
86	68.2	54.6	81.8

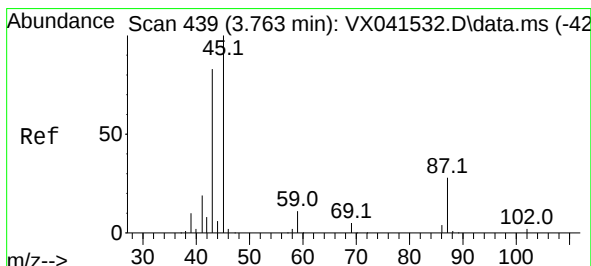
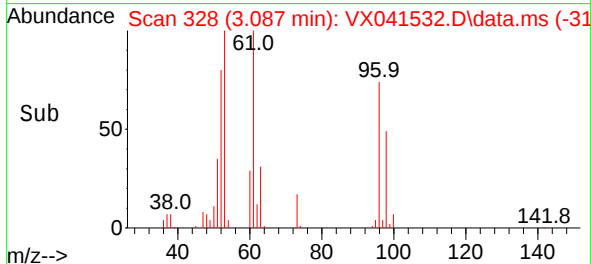
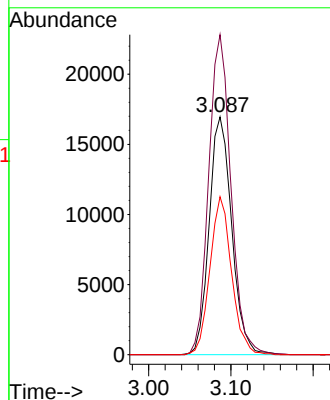
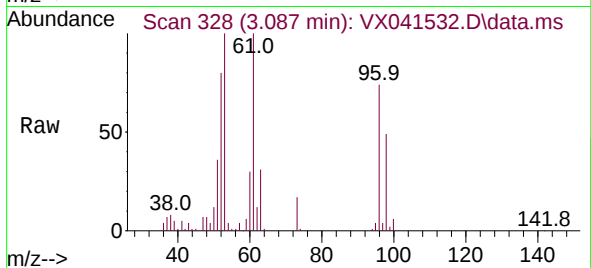




#19
trans-1,2-Dichloroethene
Concen: 19.385 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

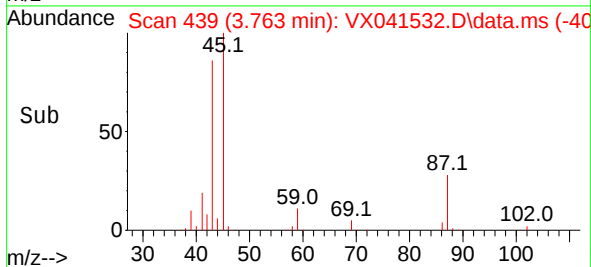
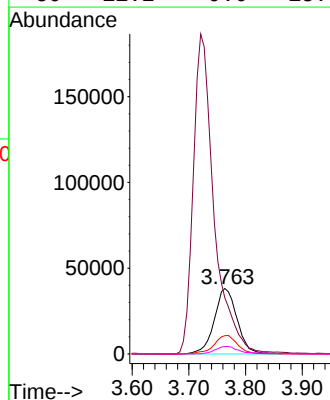
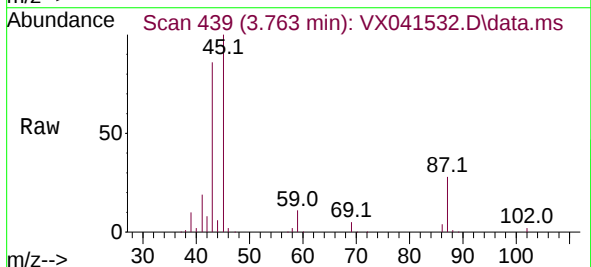
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

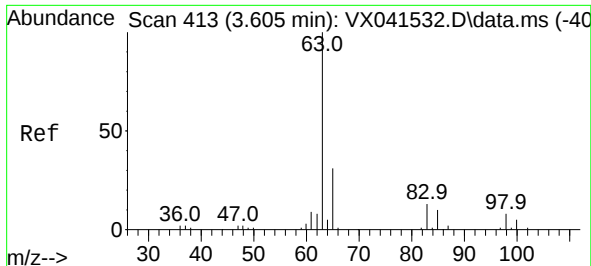
Tgt Ion: 96 Resp: 32425
Ion Ratio Lower Upper
96 100
61 134.6 107.7 161.5
98 66.4 53.1 79.7



#20
Diisopropyl ether
Concen: 19.594 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 45 Resp: 106571
Ion Ratio Lower Upper
45 100
43 83.4 66.7 100.1
87 28.0 22.4 33.6
59 11.2 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.248 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

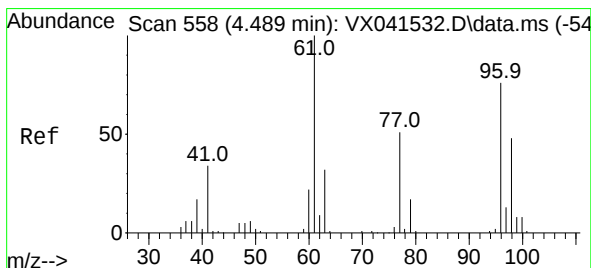
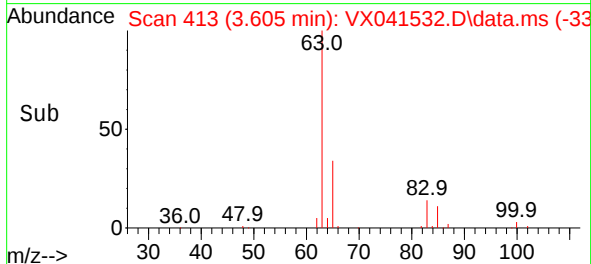
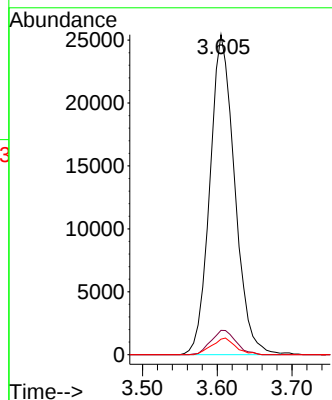
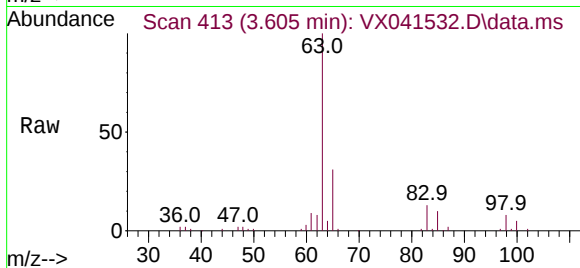
Tgt Ion: 63 Resp: 58756

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 18.992 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

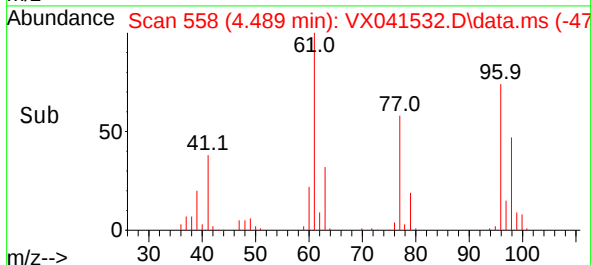
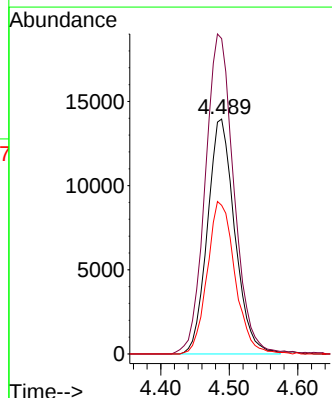
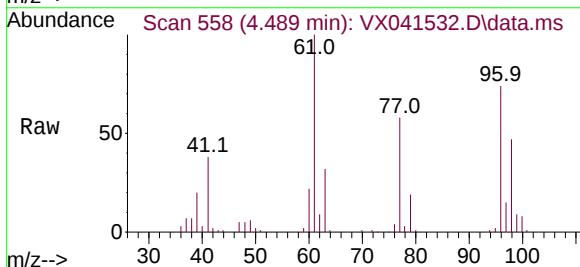
Tgt Ion: 96 Resp: 38603

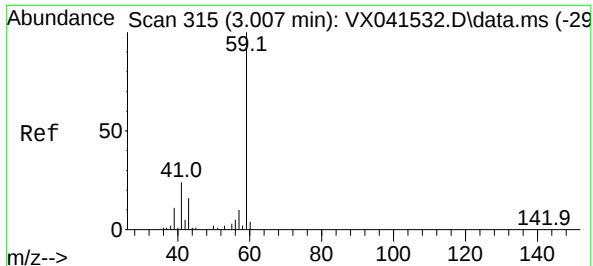
Ion Ratio Lower Upper

96 100

61 142.8 114.2 171.4

98 65.8 52.6 79.0

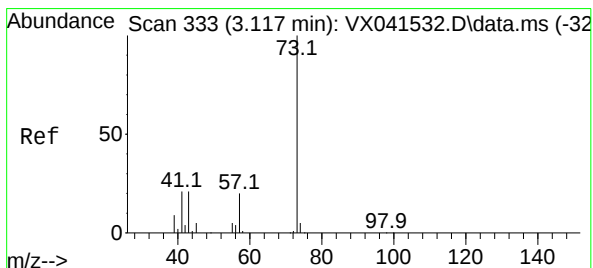
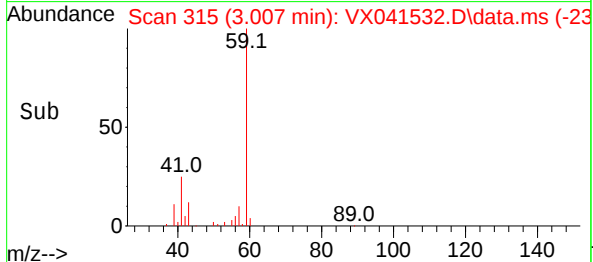
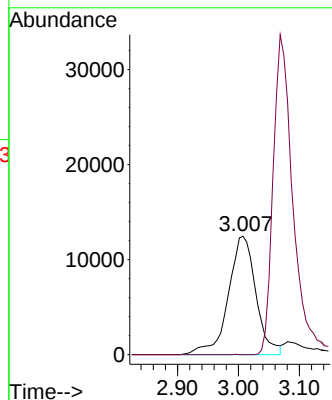
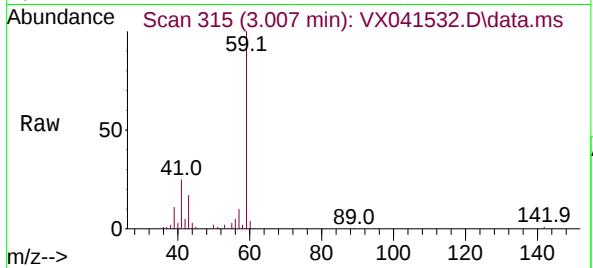




#23
tert-Butyl Alcohol
Concen: 94.571 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

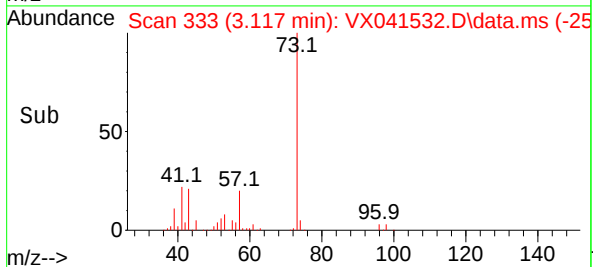
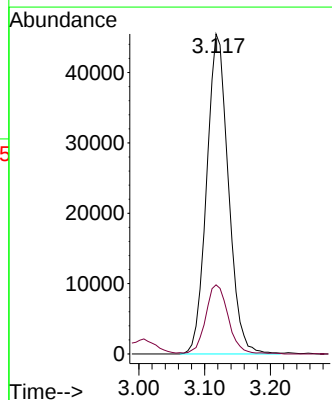
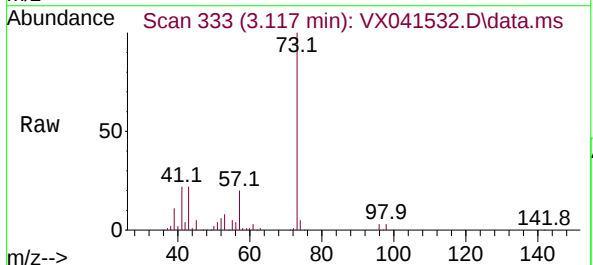
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

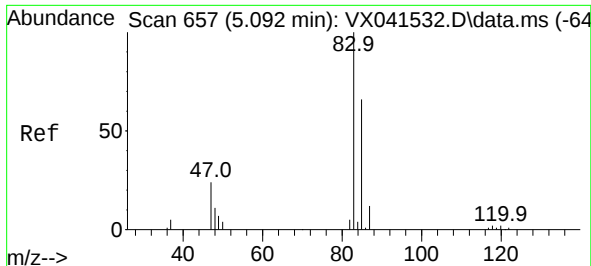
Tgt Ion: 59 Resp: 39334
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.187 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 73 Resp: 104493
Ion Ratio Lower Upper
73 100
43 21.5 17.2 25.8





#25

Chloroform

Concen: 19.380 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

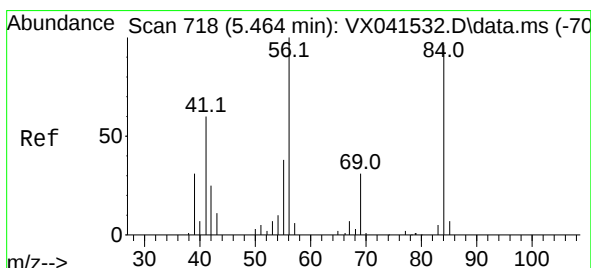
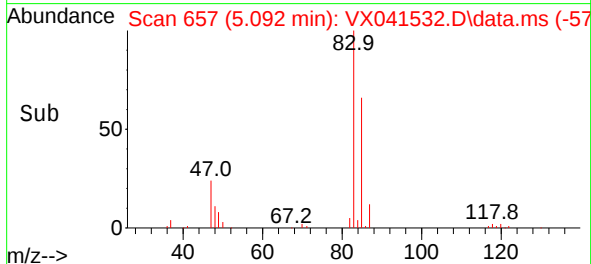
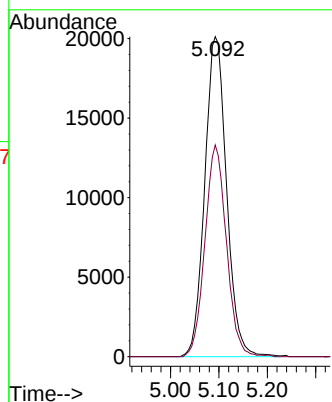
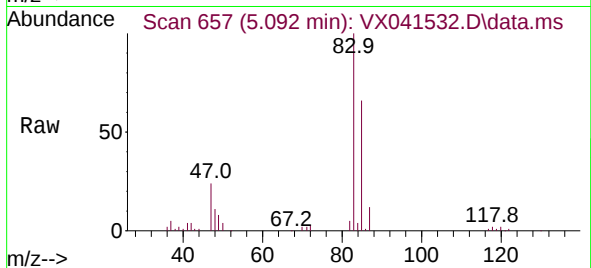
VSTDICCC020

Tgt Ion: 83 Resp: 63023

Ion Ratio Lower Upper

83 100

85 66.1 52.9 79.3



#26

Cyclohexane

Concen: 19.379 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

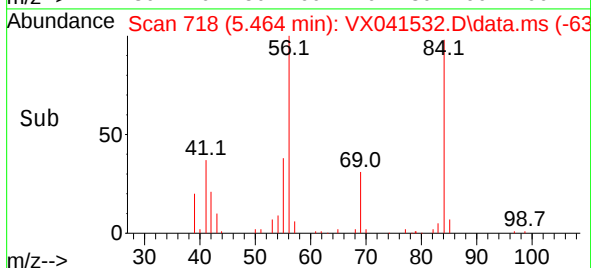
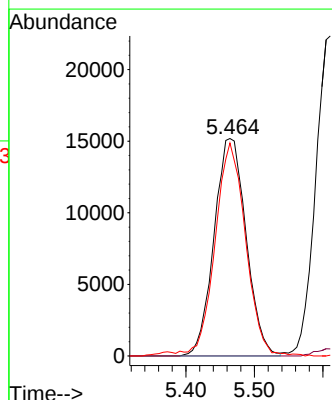
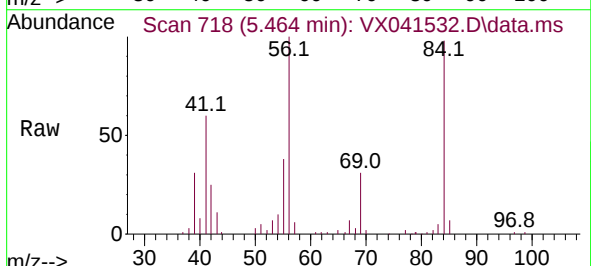
Tgt Ion: 56 Resp: 49330

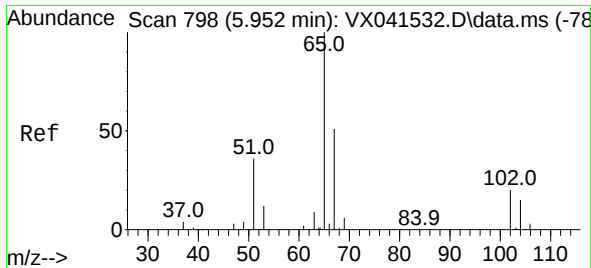
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.5 74.0 111.0

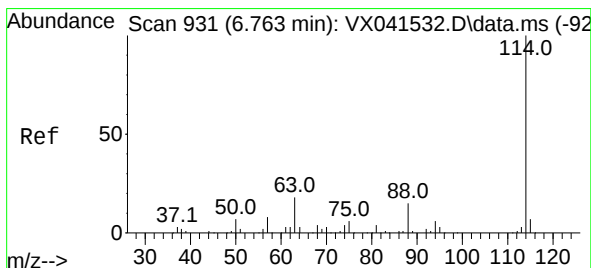
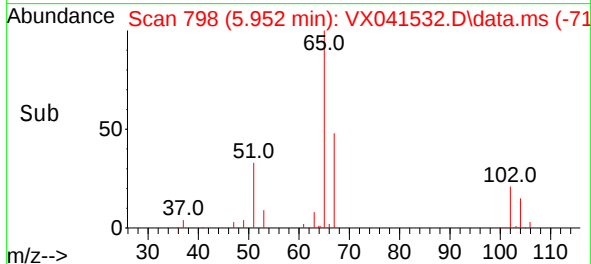
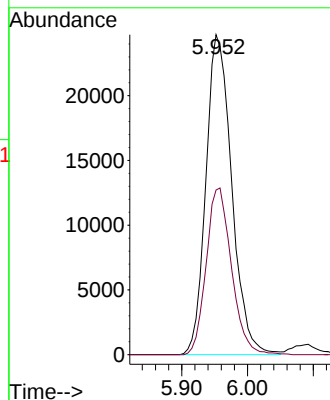
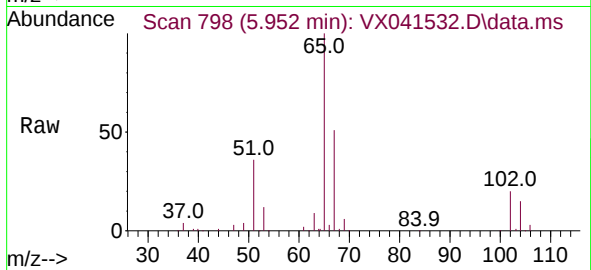




#27
1,2-Dichloroethane-d4
Concen: 30.104 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

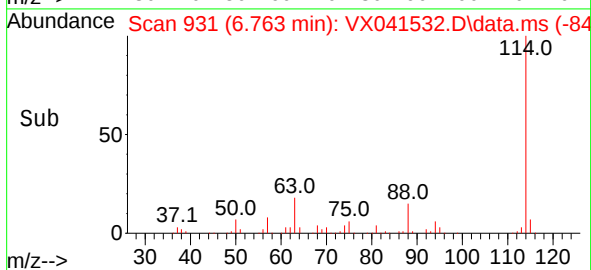
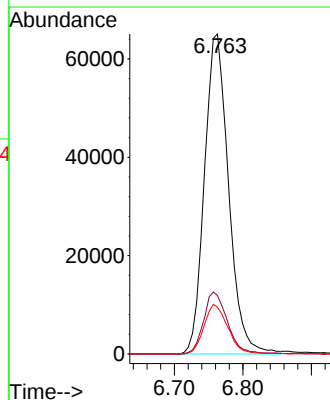
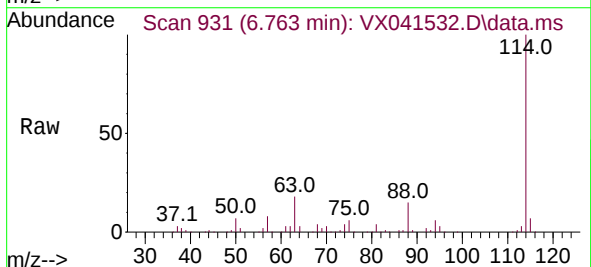
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

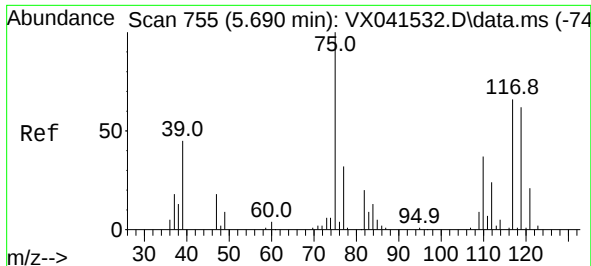
Tgt Ion: 65 Resp: 67590
Ion Ratio Lower Upper
65 100
67 51.0 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 114 Resp: 159510
Ion Ratio Lower Upper
114 100
63 19.2 15.4 23.0
88 15.2 12.2 18.2

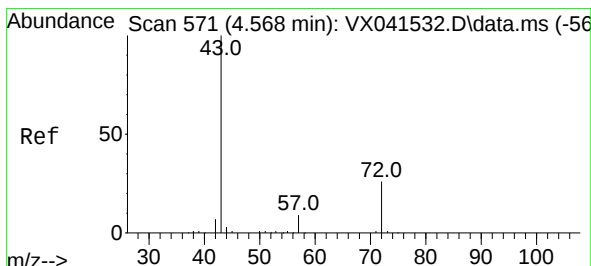
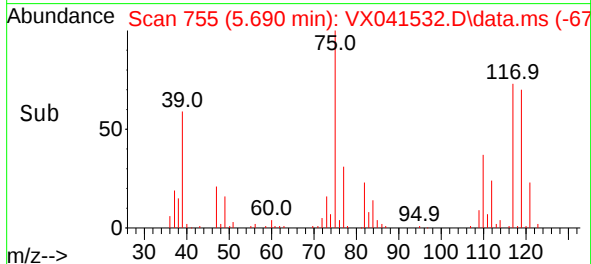
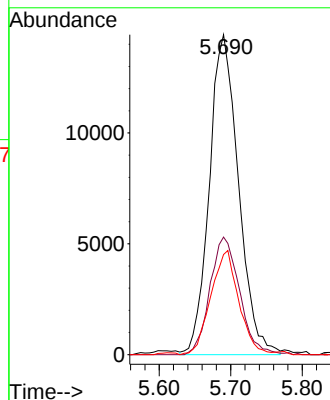
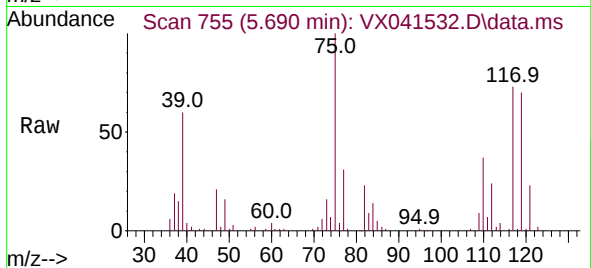




#29
1,1-Dichloropropene
Concen: 19.404 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

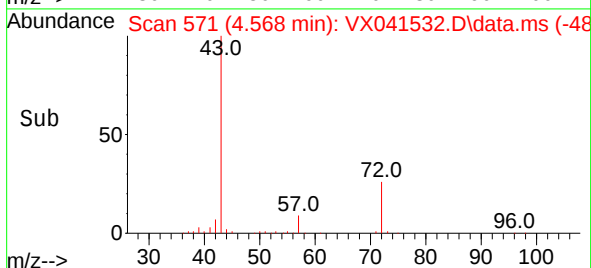
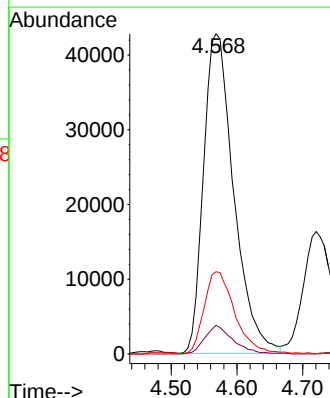
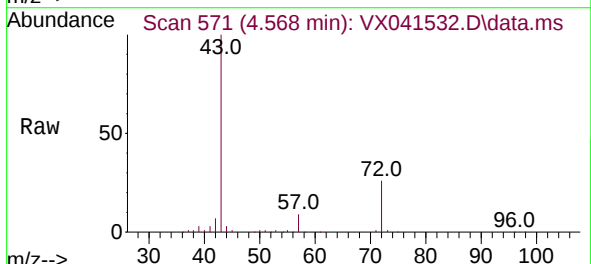
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

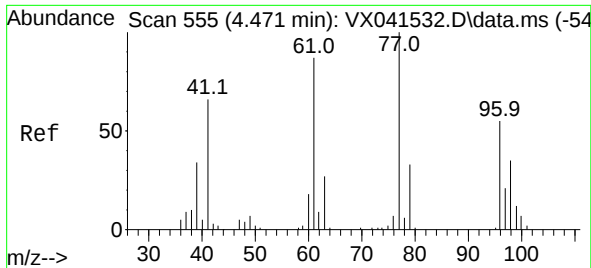
Tgt Ion: 75 Resp: 40942
Ion Ratio Lower Upper
75 100
110 37.2 0.0 74.4
77 31.3 0.0 62.6



#30
2-Butanone
Concen: 97.871 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 137072
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 25.9 20.7 31.1

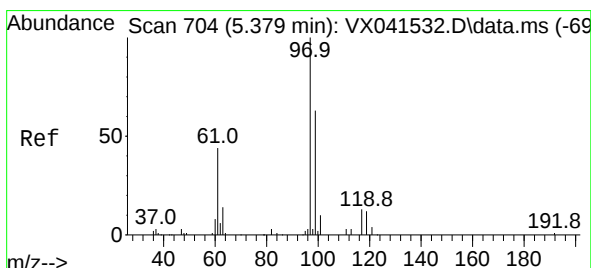
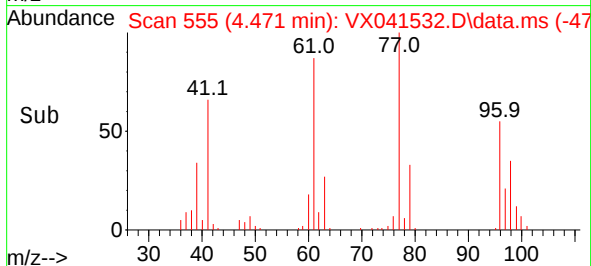
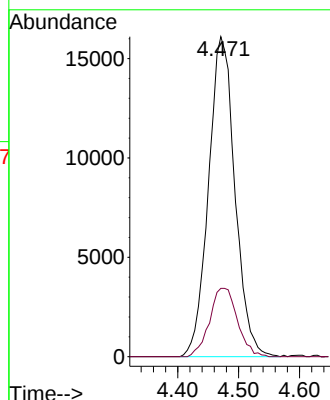
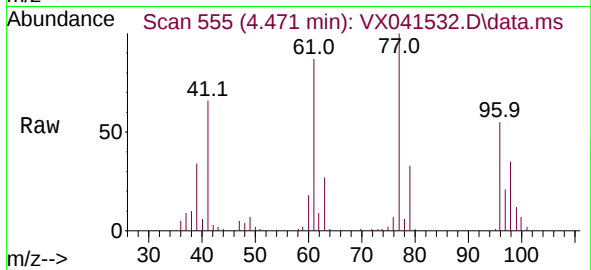




#31
2,2-Dichloropropane
Concen: 19.586 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

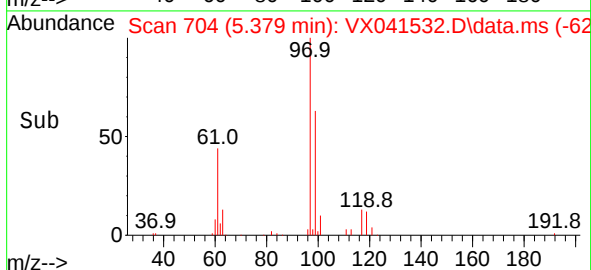
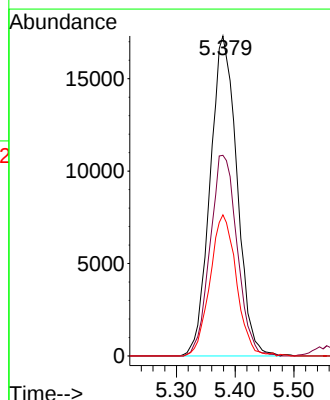
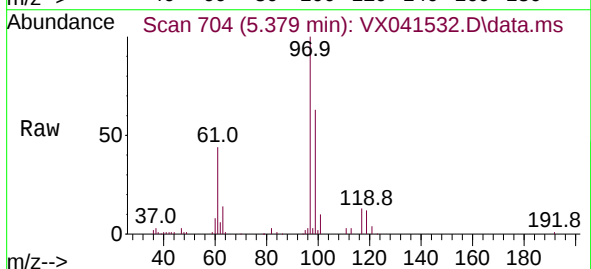
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

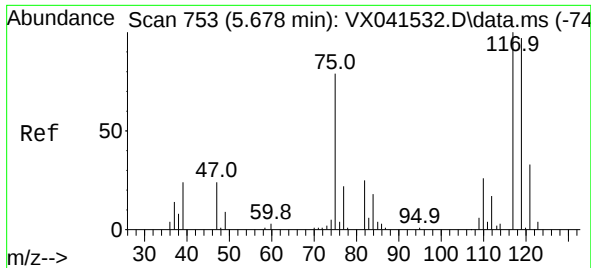
Tgt Ion: 77 Resp: 48503
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 19.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 97 Resp: 54893
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 43.2 34.6 51.8

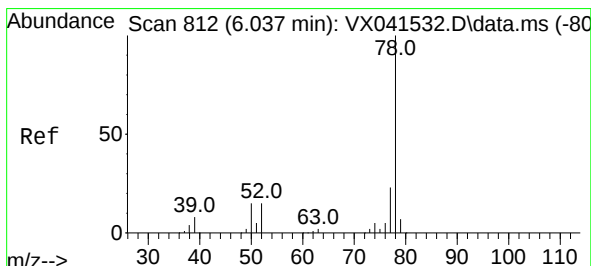
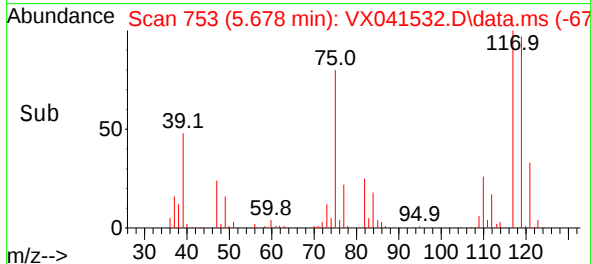
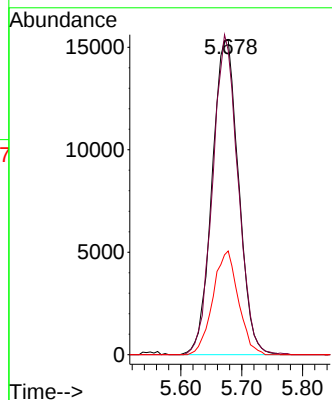
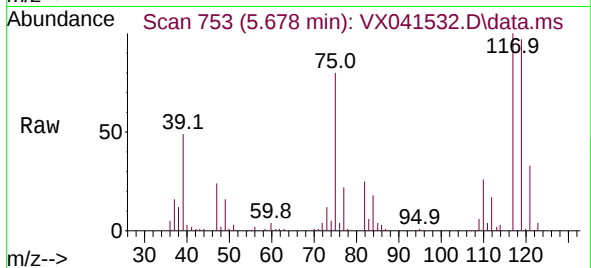




#33
Carbon Tetrachloride
Concen: 19.170 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

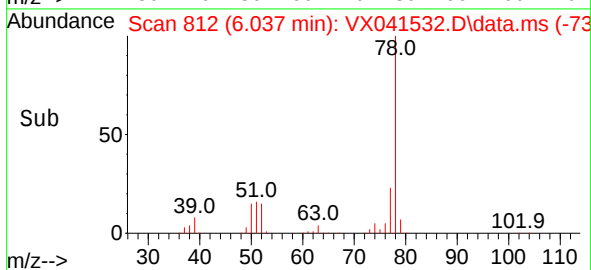
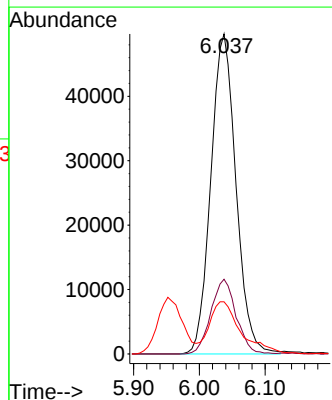
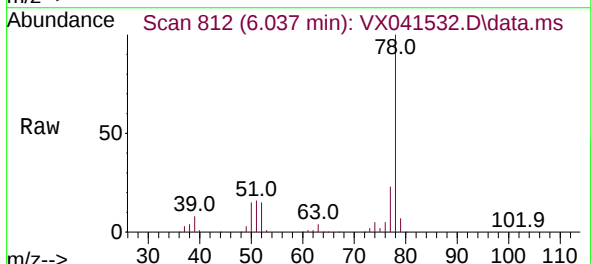
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

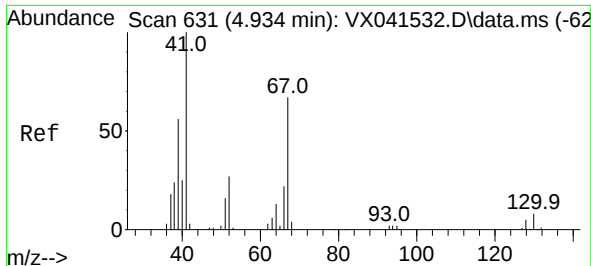
Tgt Ion:117 Resp: 46438
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2
121 33.0 26.4 39.6



#34
Benzene
Concen: 19.832 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 78 Resp: 132158
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
51 15.5 12.4 18.6

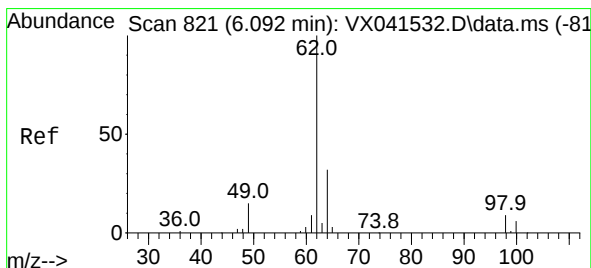
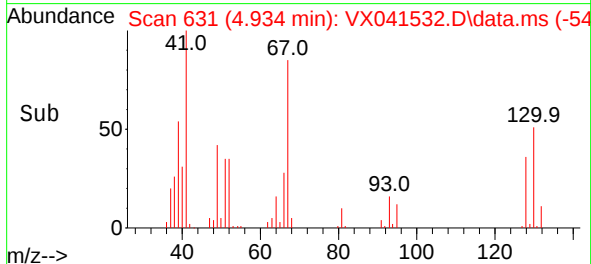
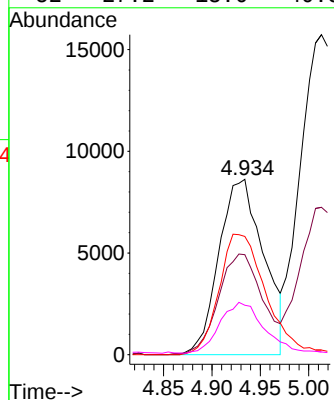
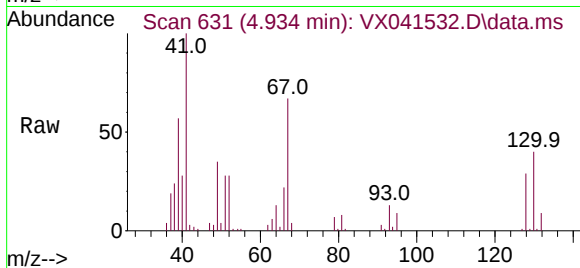




#35
Methacrylonitrile
Concen: 19.606 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

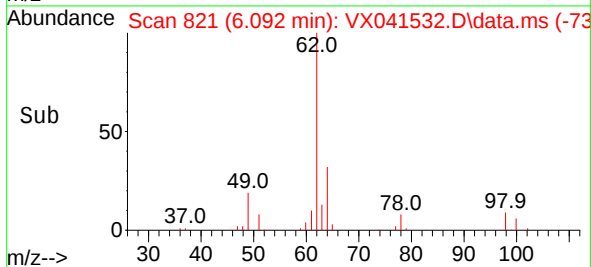
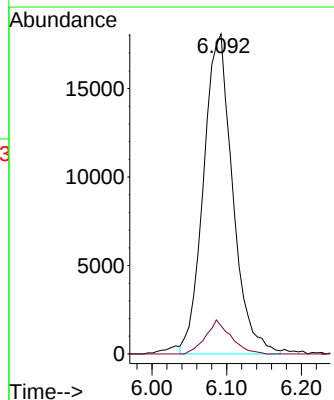
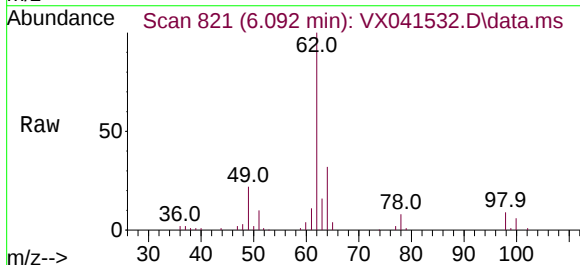
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

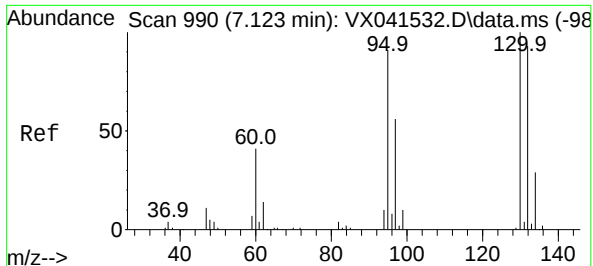
Tgt Ion:	41	Resp:	27699
Ion	Ratio	Lower	Upper
41	100		
39	56.3	28.1	84.4
67	67.4	33.7	101.1
52	27.2	13.6	40.8



#36
1,2-Dichloroethane
Concen: 19.706 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:	62	Resp:	49004
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.0

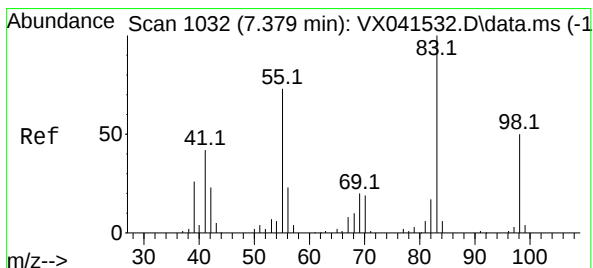
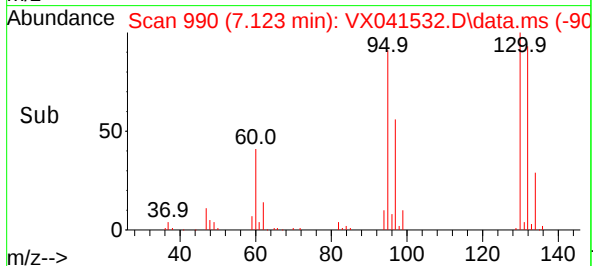
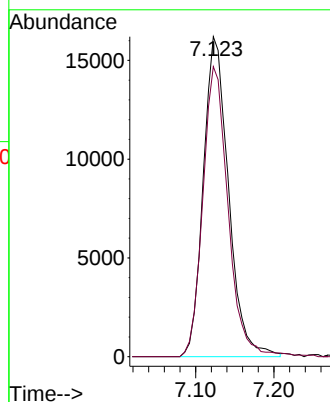
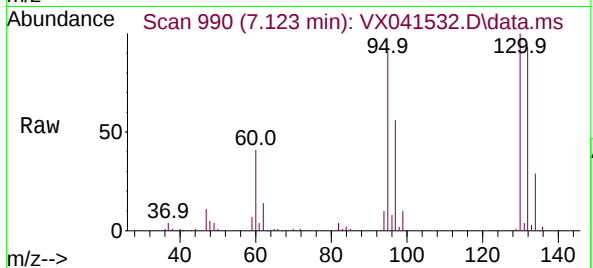




#37
Trichloroethene
Concen: 19.525 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

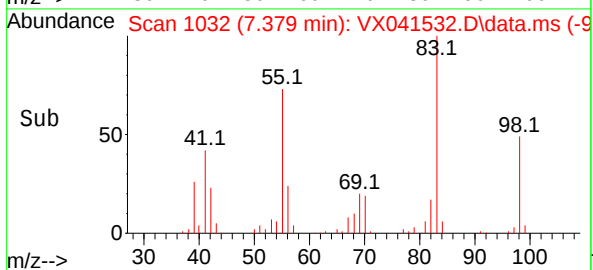
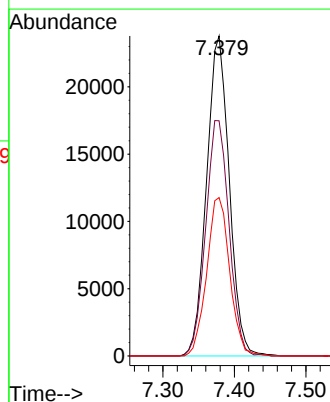
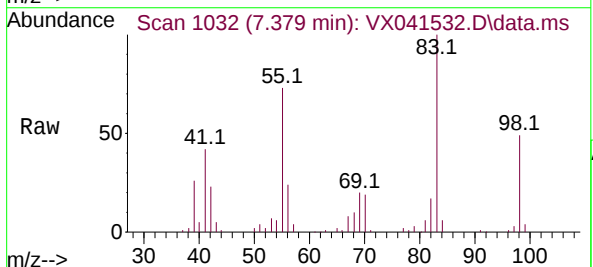
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

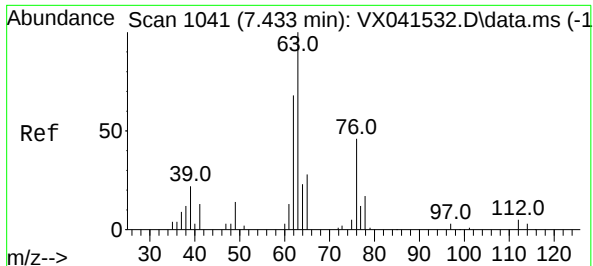
Tgt Ion:130 Resp: 36252
Ion Ratio Lower Upper
130 100
95 90.7 72.6 108.8



#38
Methylcyclohexane
Concen: 19.586 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 83 Resp: 52474
Ion Ratio Lower Upper
83 100
55 75.4 37.7 113.1
98 50.2 25.1 75.3

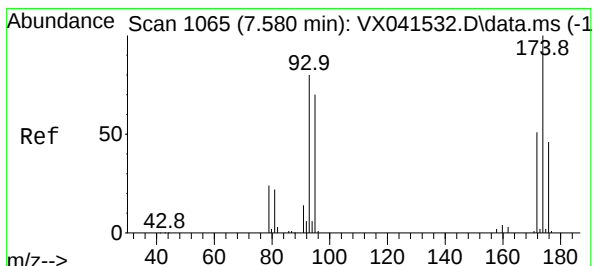
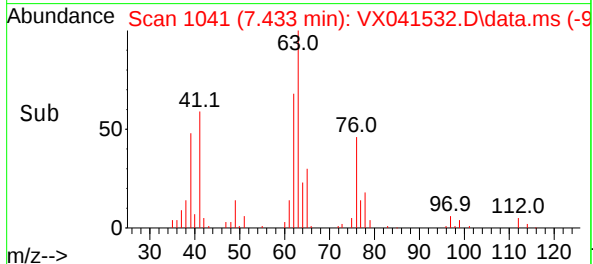
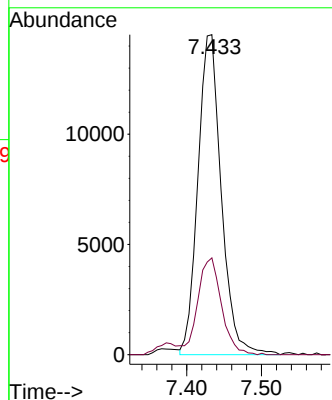
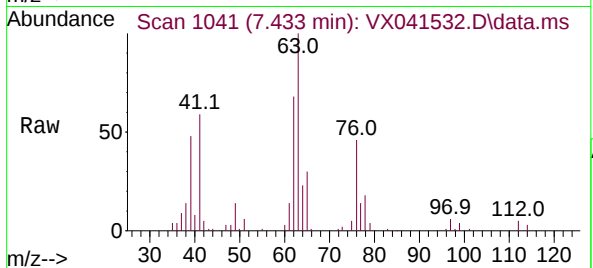




#39
1,2-Dichloropropane
Concen: 20.038 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

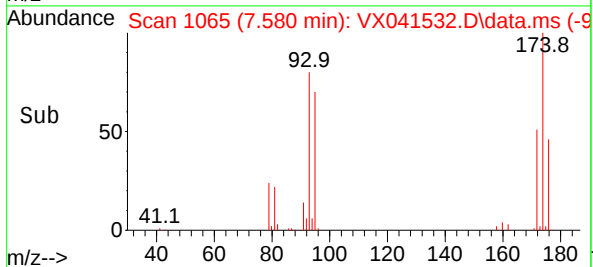
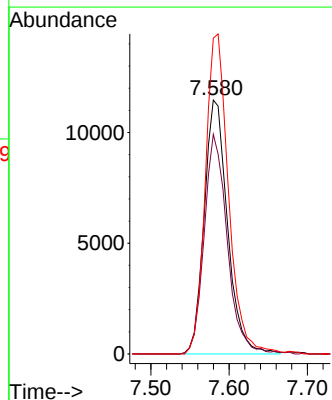
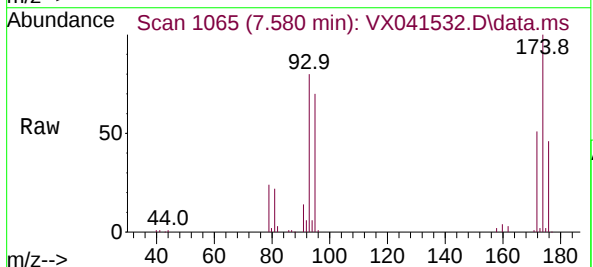
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

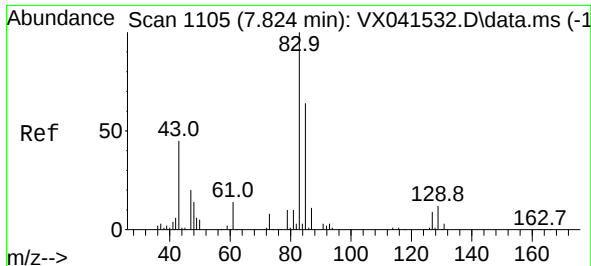
Tgt Ion: 63 Resp: 31564
Ion Ratio Lower Upper
63 100
65 30.2 24.2 36.2



#40
Dibromomethane
Concen: 19.143 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 93 Resp: 23732
Ion Ratio Lower Upper
93 100
95 84.3 0.0 168.6
174 124.9 0.0 249.8

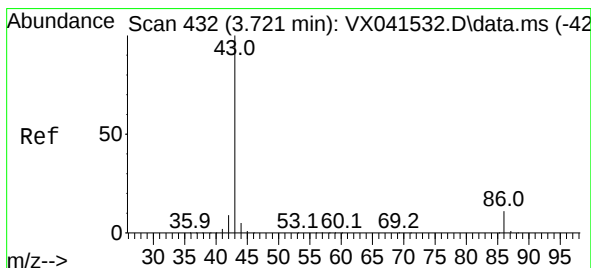
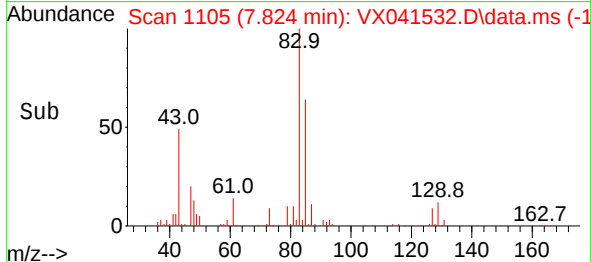
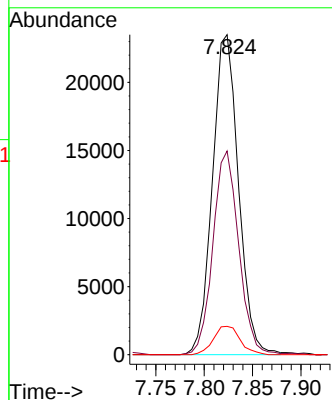
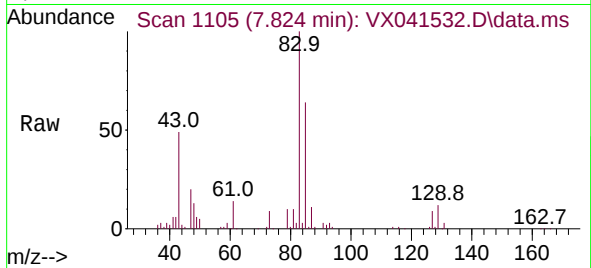




#41
Bromodichloromethane
Concen: 18.904 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

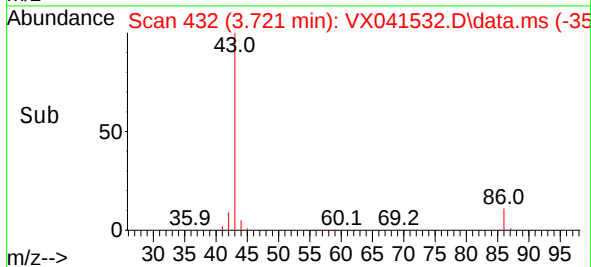
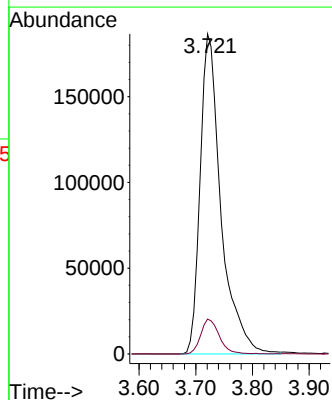
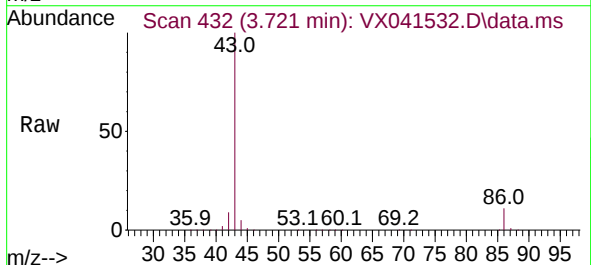
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

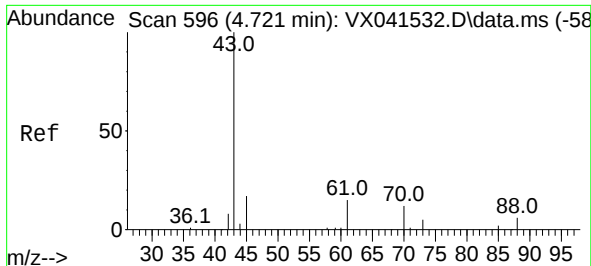
Tgt Ion: 83 Resp: 43998
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.9 7.1 10.7



#42
Vinyl Acetate
Concen: 97.898 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 475709
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6

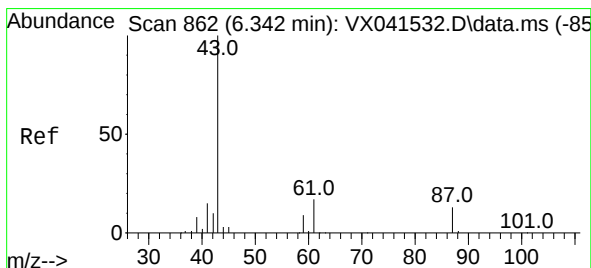
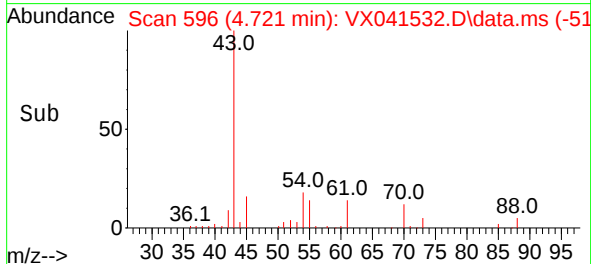
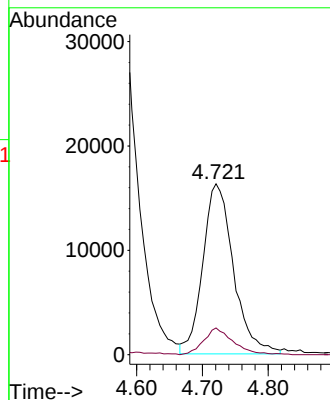
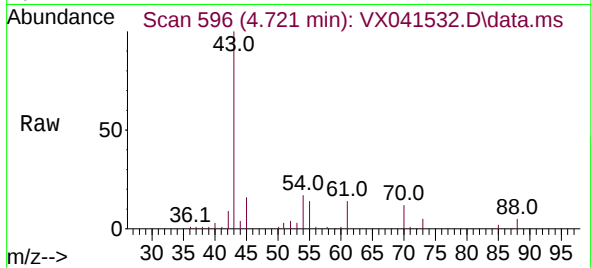




#43
Ethyl Acetate
Concen: 19.532 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

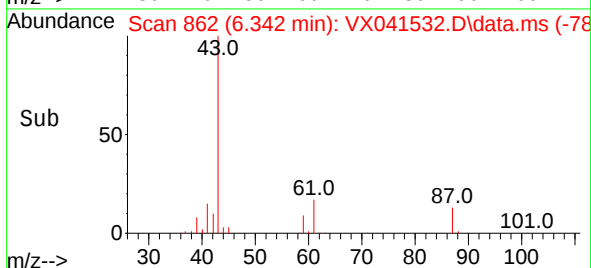
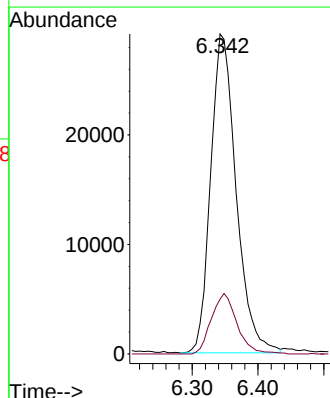
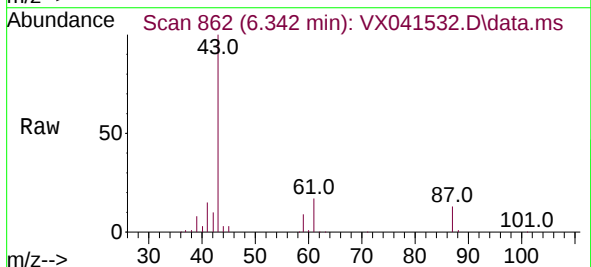
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

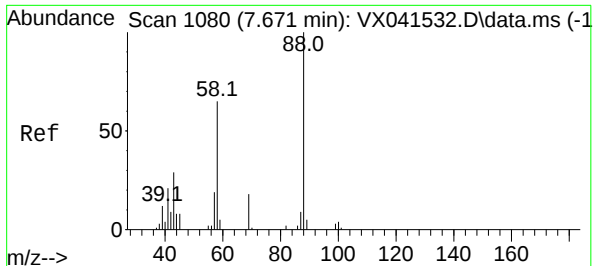
Tgt Ion: 43 Resp: 52782
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.260 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 43 Resp: 78675
Ion Ratio Lower Upper
43 100
61 19.1 15.3 22.9





#45

1,4-Dioxane

Concen: 301.862 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

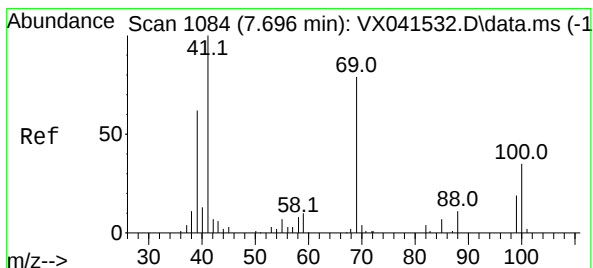
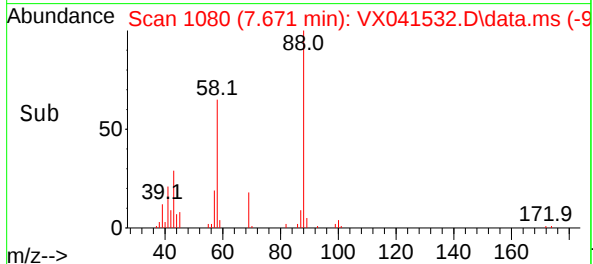
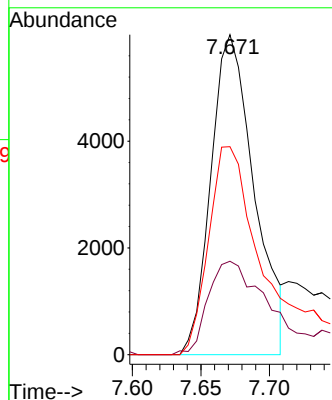
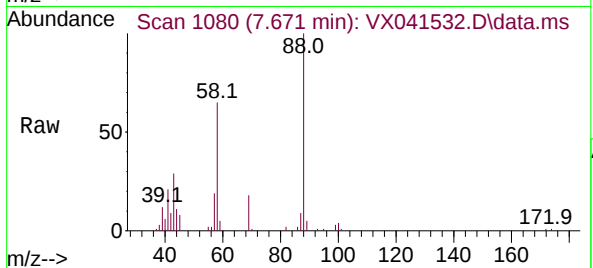
Tgt Ion: 88 Resp: 13224

Ion Ratio Lower Upper

88 100

43 40.8 24.9 37.3#

58 77.1 47.0 70.4#



#46

Methyl methacrylate

Concen: 19.203 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

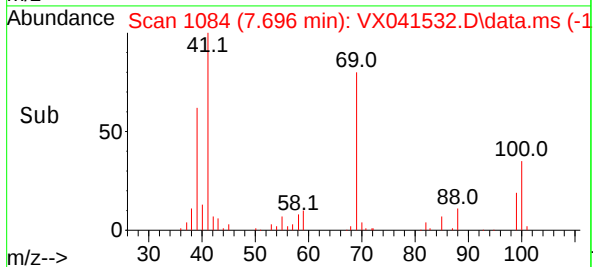
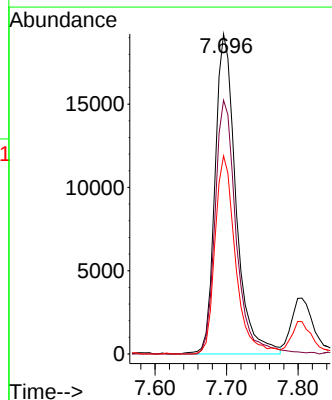
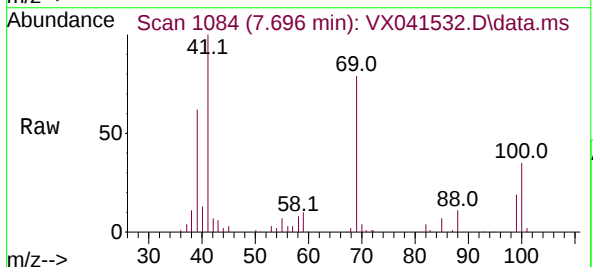
Tgt Ion: 41 Resp: 39029

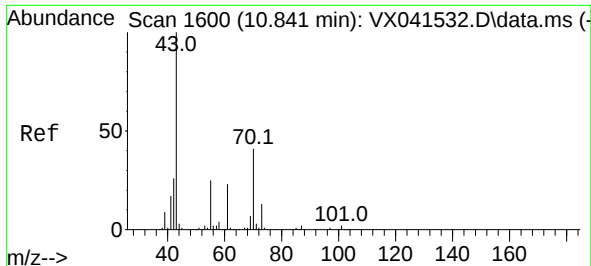
Ion Ratio Lower Upper

41 100

69 79.3 39.6 119.0

39 61.9 30.9 92.8





#47

n-amy1 Acetate

Concen: 18.998 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

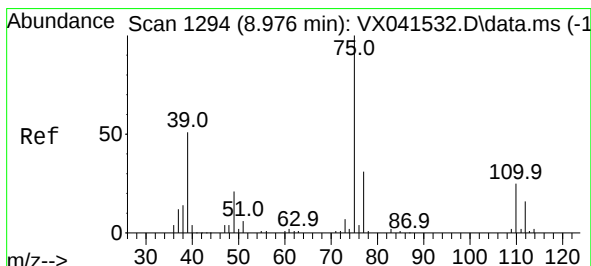
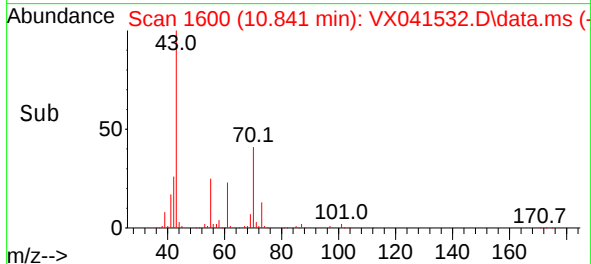
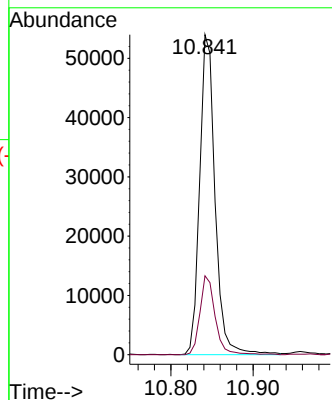
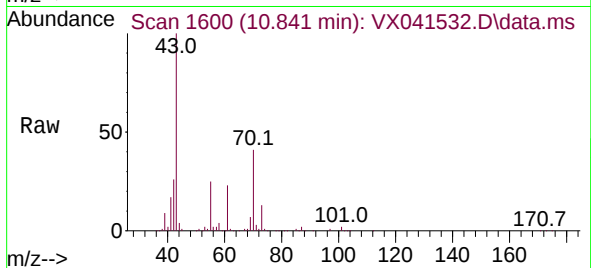
VSTDICCC020

Tgt Ion: 43 Resp: 70376

Ion Ratio Lower Upper

43 100

55 24.2 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 18.398 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041532.D

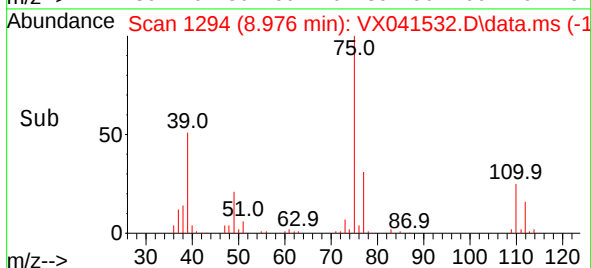
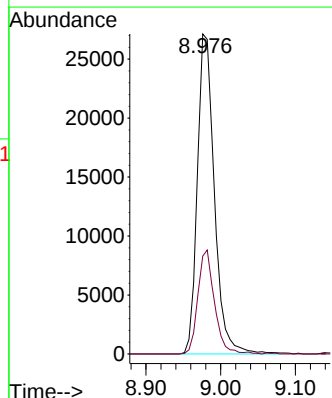
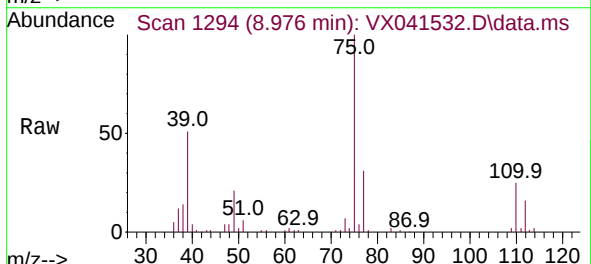
Acq: 15 May 2024 11:57

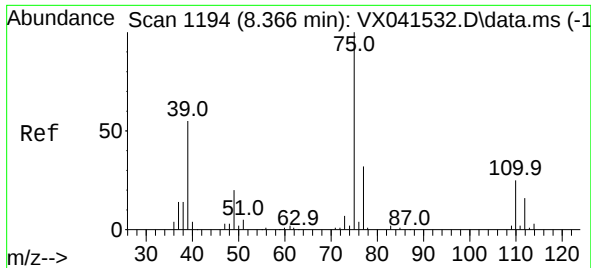
Tgt Ion: 75 Resp: 43003

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

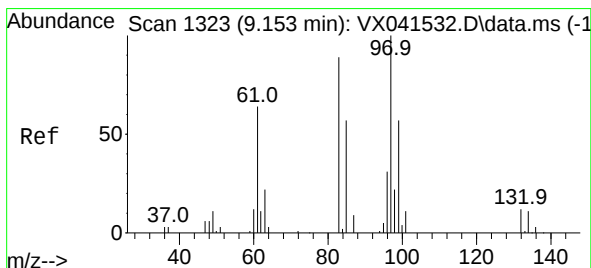
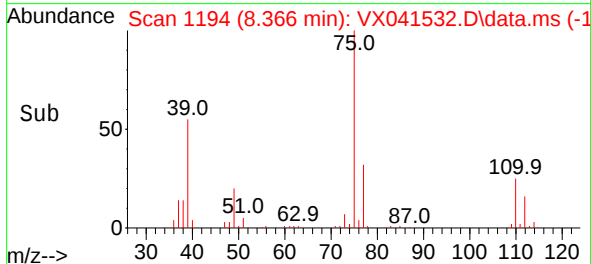
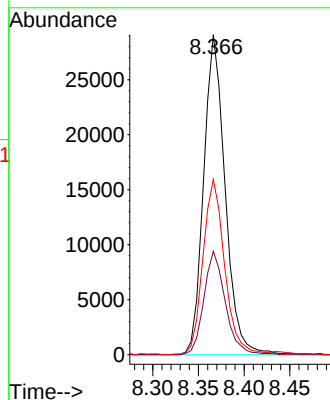
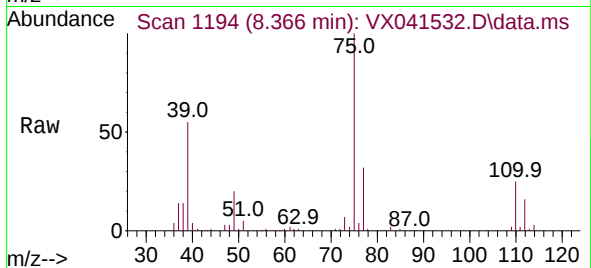




#49
 cis-1,3-Dichloropropene
 Concen: 18.768 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

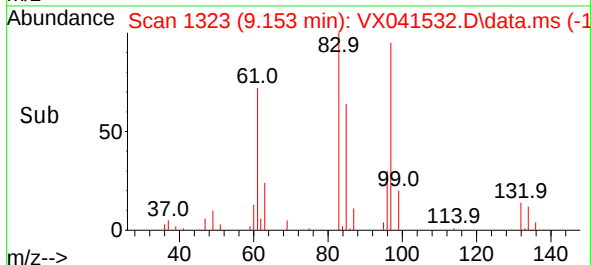
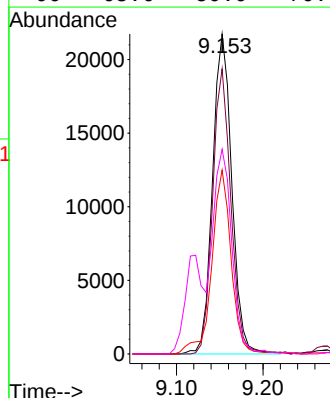
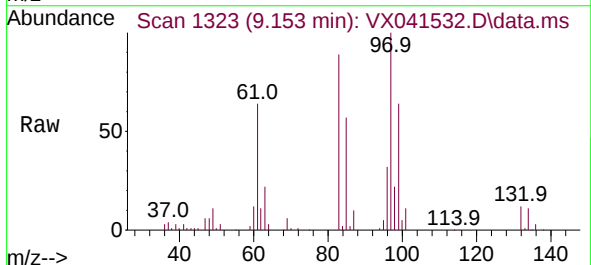
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

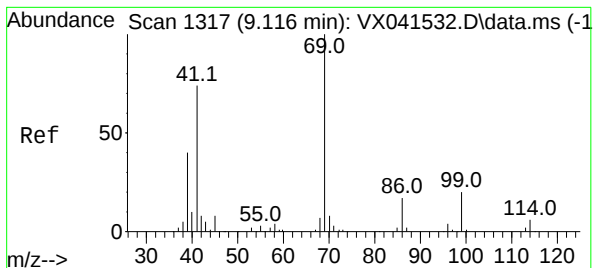
Tgt Ion:	75	Resp:	47515
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	54.5	43.6	65.4



#50
 1,1,2-Trichloroethane
 Concen: 19.459 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

Tgt Ion:	97	Resp:	33559
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.3	106.9
85	57.1	45.7	68.5
99	63.6	50.9	76.3





#51

Ethyl methacrylate

Concen: 18.884 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

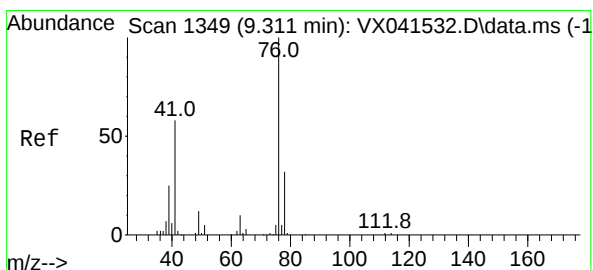
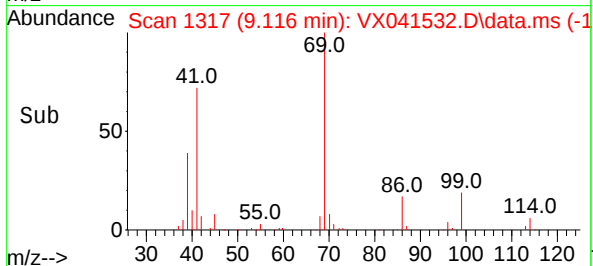
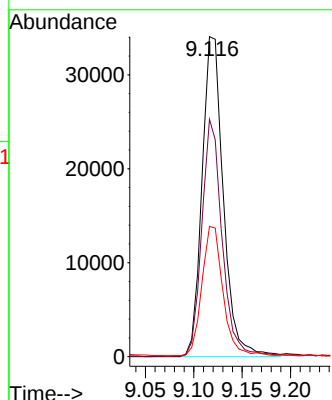
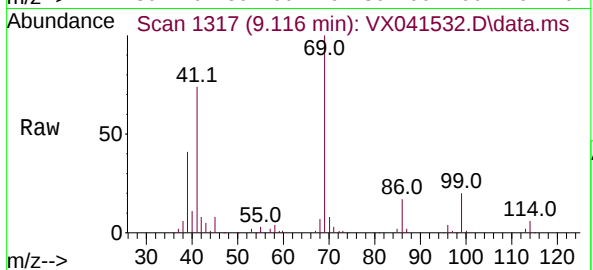
Tgt Ion: 69 Resp: 52421

Ion Ratio Lower Upper

69 100

41 74.2 37.1 111.3

39 40.4 20.2 60.6



#52

1,3-Dichloropropane

Concen: 19.772 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX041532.D

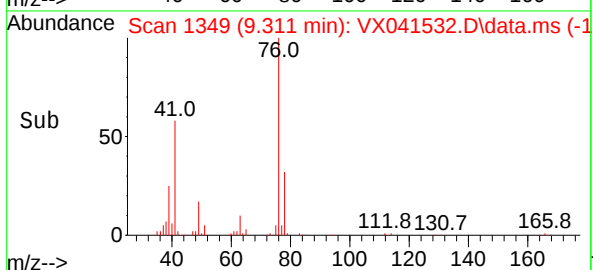
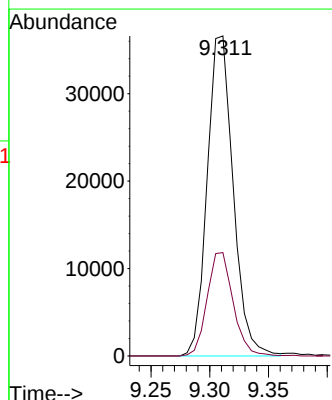
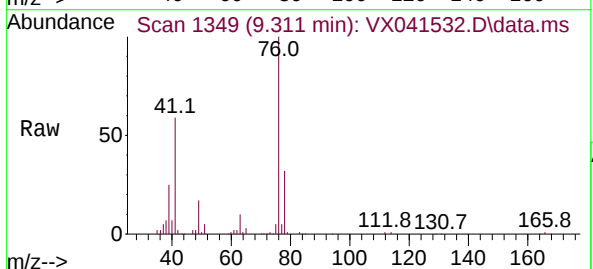
Acq: 15 May 2024 11:57

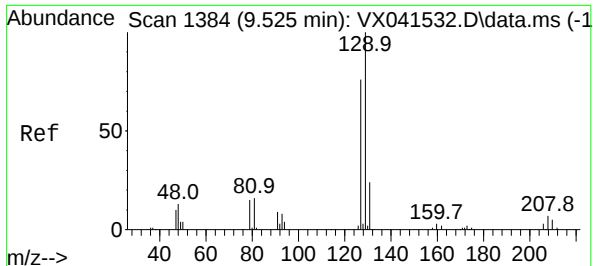
Tgt Ion: 76 Resp: 56347

Ion Ratio Lower Upper

76 100

78 32.2 0.0 64.4





#53

Dibromochloromethane

Concen: 18.491 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

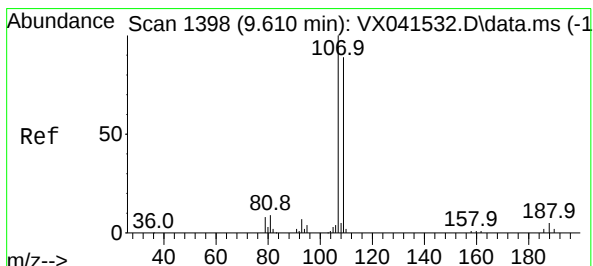
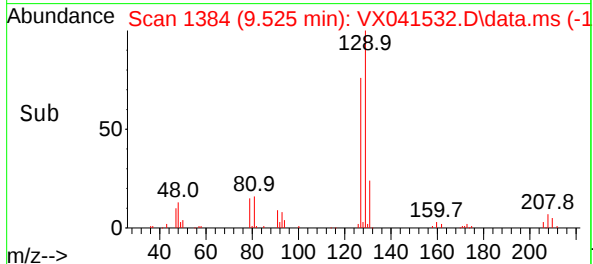
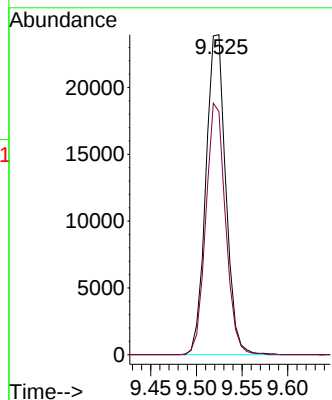
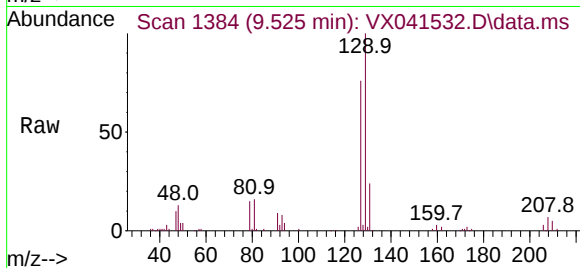
VSTDICCC020

Tgt Ion:129 Resp: 36285

Ion Ratio Lower Upper

129 100

127 77.8 38.9 116.7



#54

1,2-Dibromoethane

Concen: 19.643 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041532.D

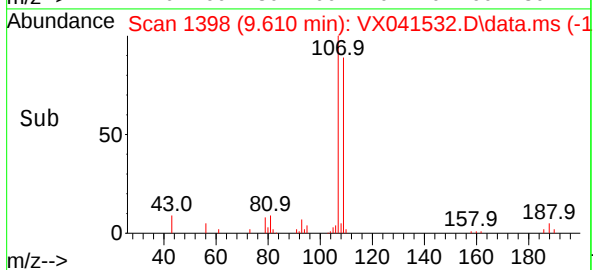
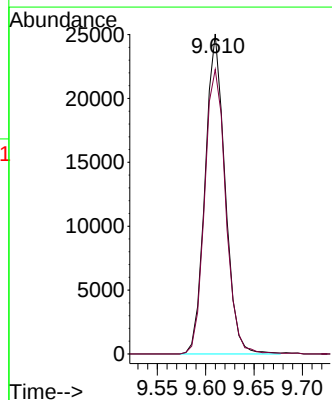
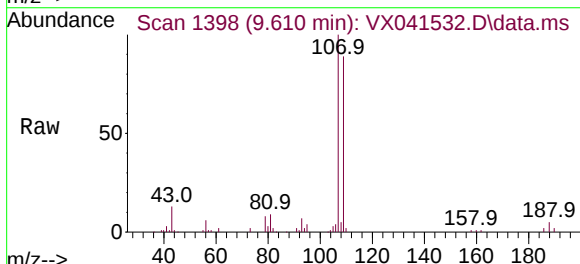
Acq: 15 May 2024 11:57

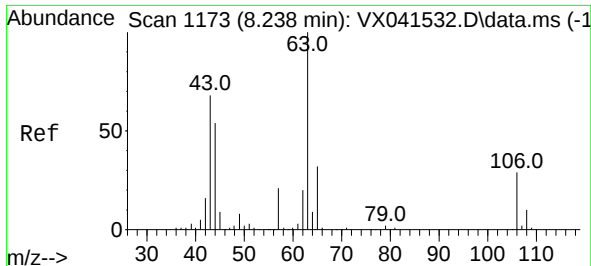
Tgt Ion:107 Resp: 35924

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9

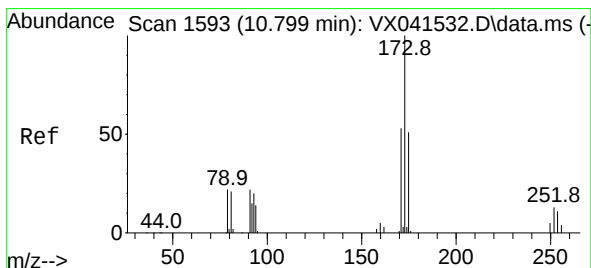
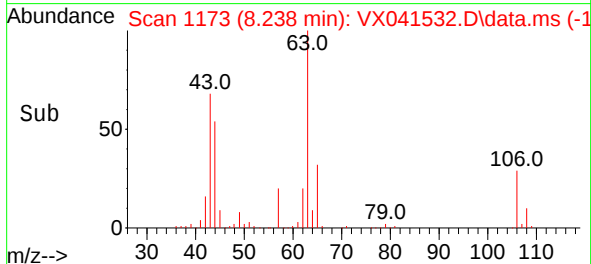
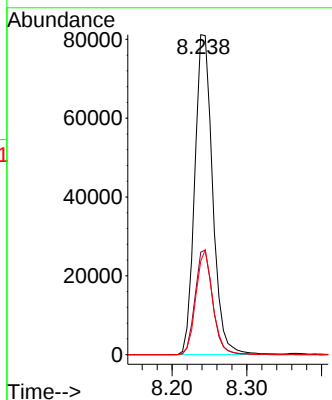
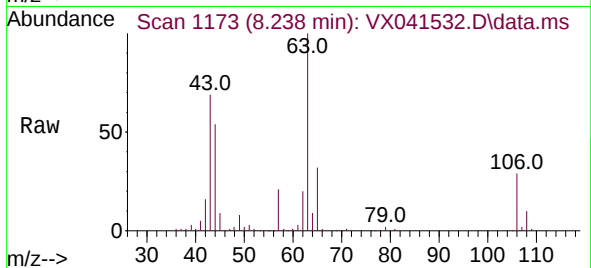




#55
2-Chloroethyl vinyl ether
Concen: 99.390 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

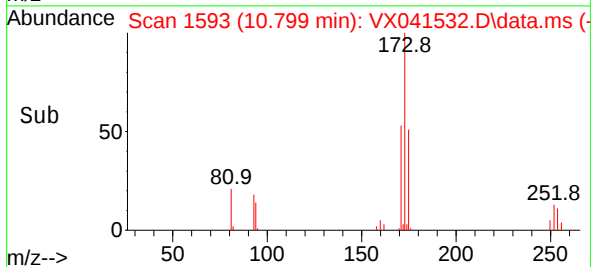
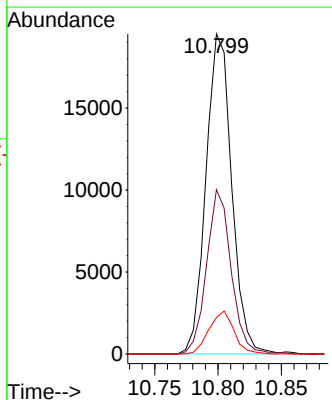
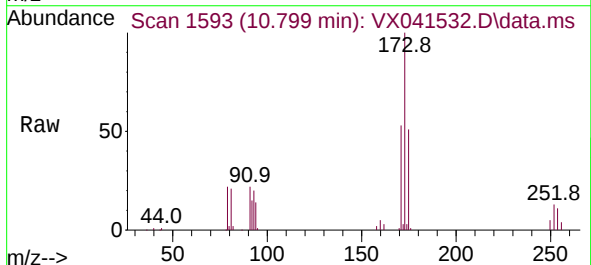
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

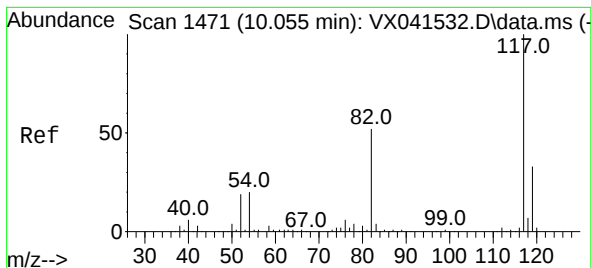
Tgt Ion: 63 Resp: 134672
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 30.9 24.7 37.1



#56
Bromoform
Concen: 17.583 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:173 Resp: 27653
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 12.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

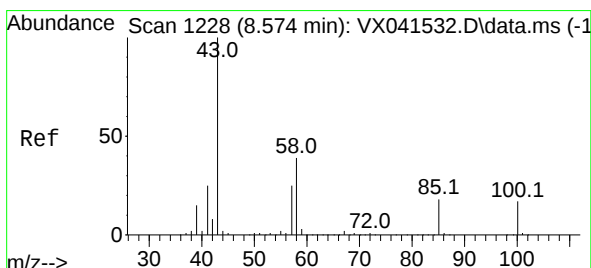
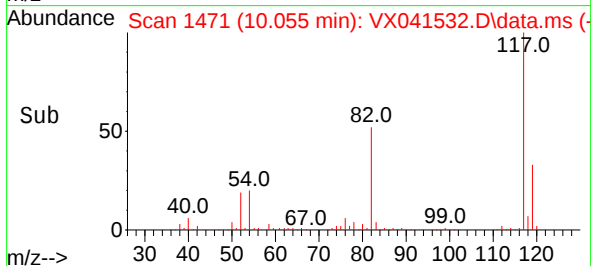
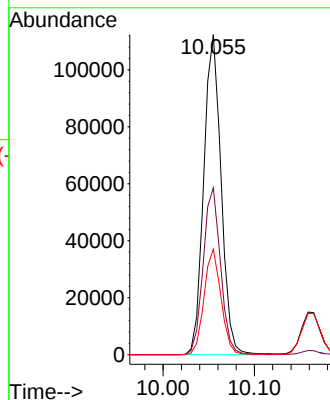
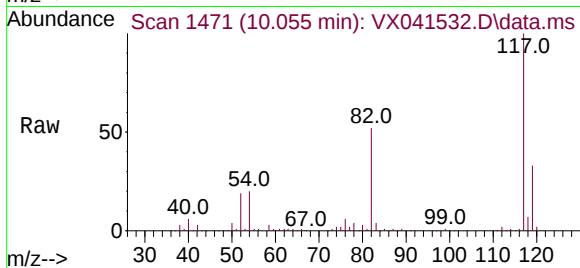
Tgt Ion:117 Resp: 148084

Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.1 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 100.261 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

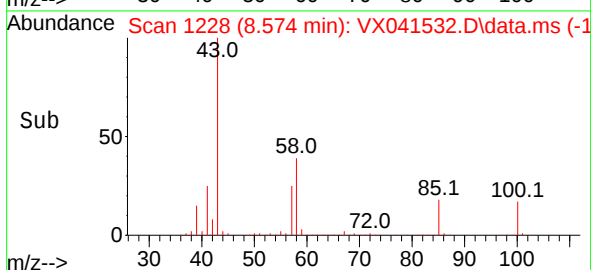
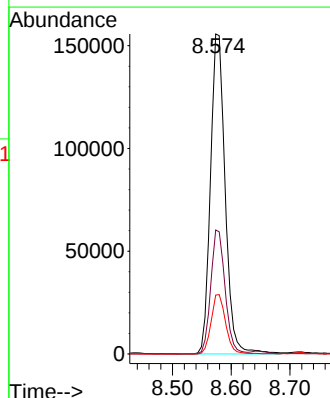
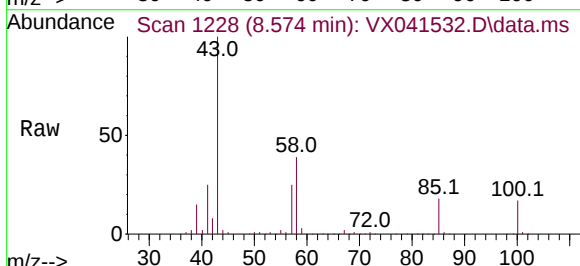
Tgt Ion: 43 Resp: 271279

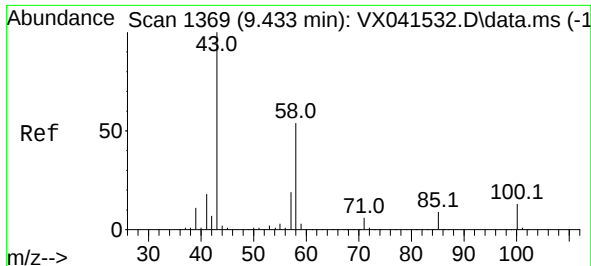
Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.4

85 18.2 14.6 21.8

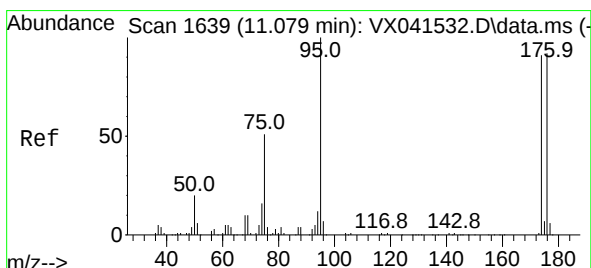
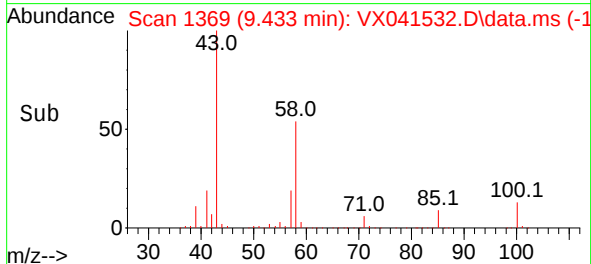
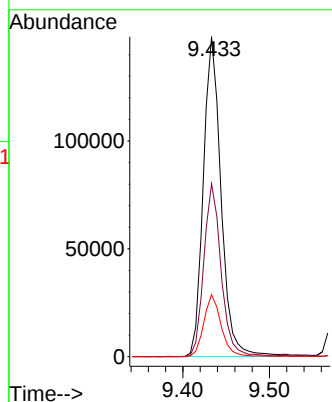
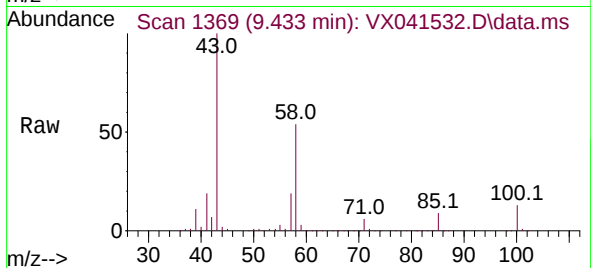




#59
2-Hexanone
Concen: 97.793 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

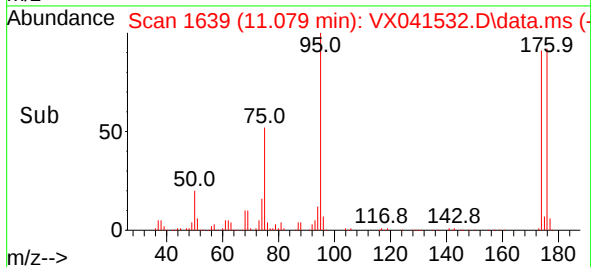
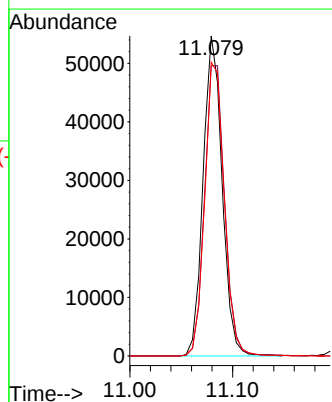
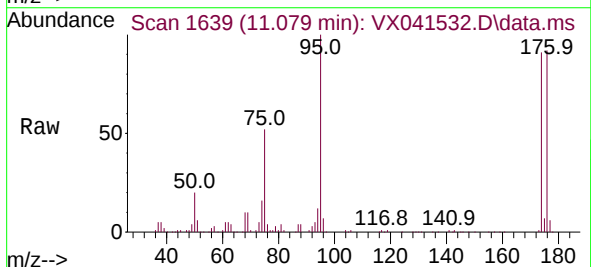
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

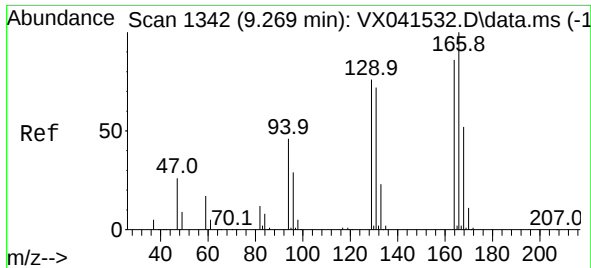
Tgt Ion: 43 Resp: 210793
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 18.9 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 95 Resp: 70517
Ion Ratio Lower Upper
95 100
174 95.8 76.6 115.0
176 94.2 75.4 113.0

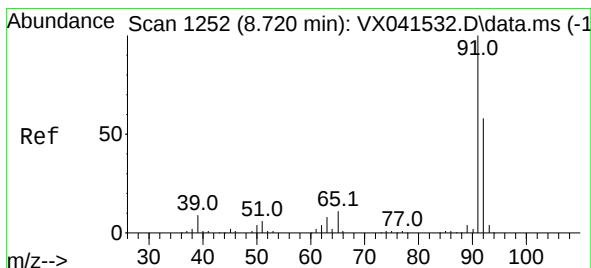
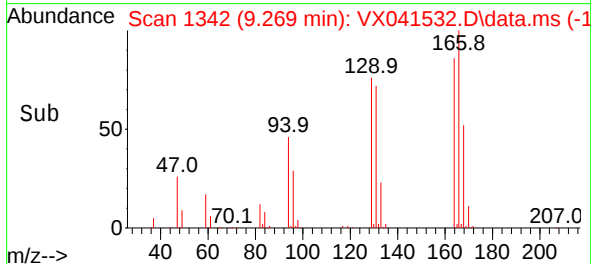
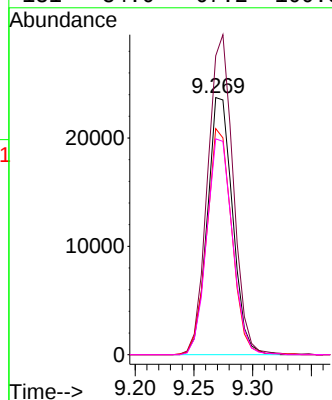
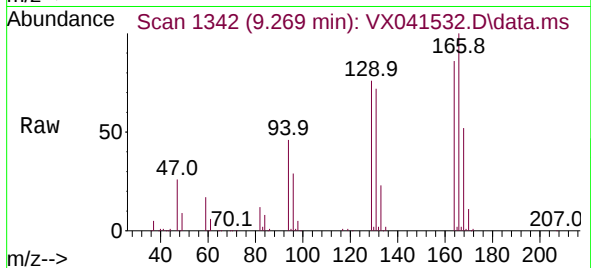




#61
Tetrachloroethene
Concen: 19.559 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

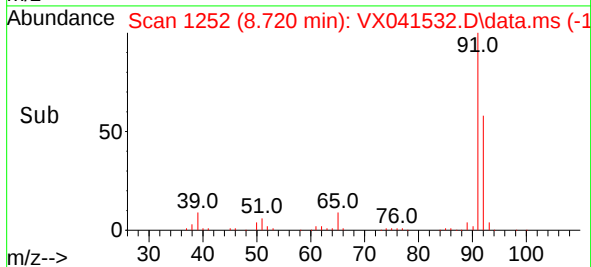
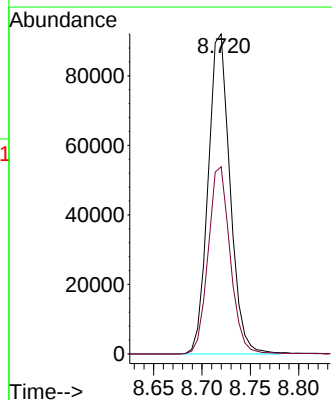
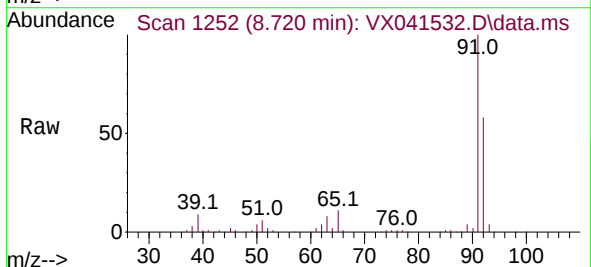
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

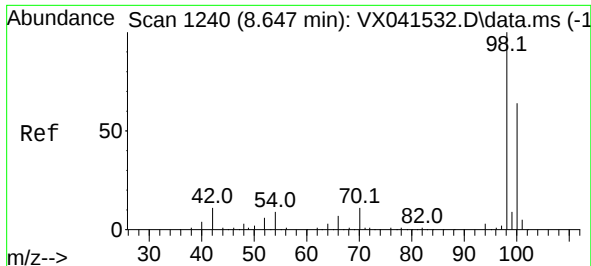
Tgt Ion:164	Resp:	35437
Ion	Ratio	Lower Upper
164	100	
166	116.0	92.8 139.2
129	87.6	70.1 105.1
131	84.0	67.2 100.8



#62
Toluene
Concen: 19.730 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 91	Resp:	145377
Ion	Ratio	Lower Upper
91	100	
92	58.8	47.0 70.6

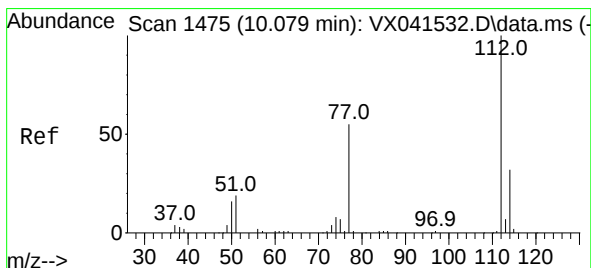
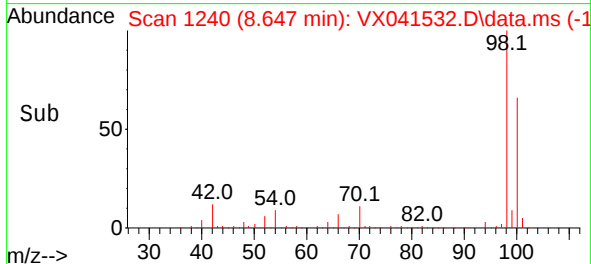
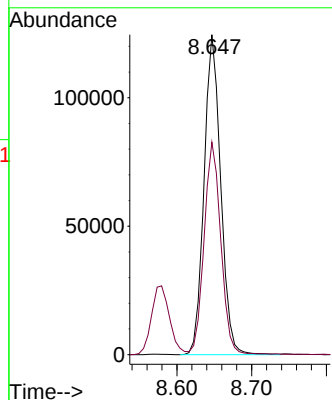
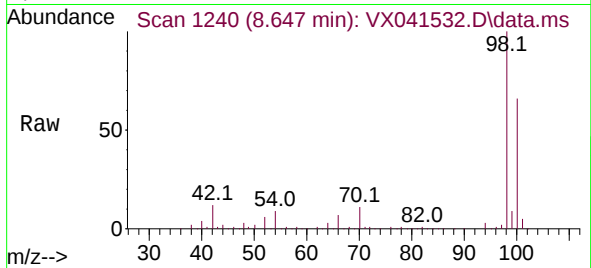




#63
Toluene-d8
Concen: 30.363 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

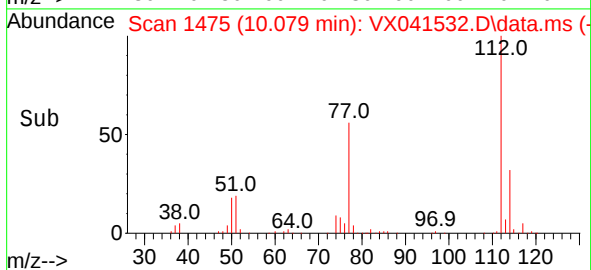
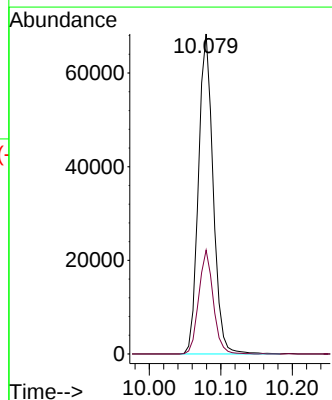
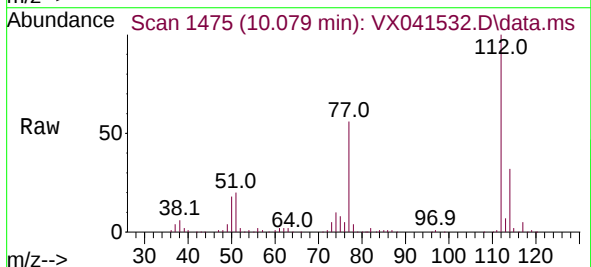
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

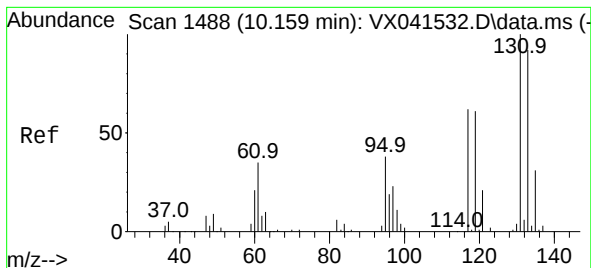
Tgt Ion: 98 Resp: 192735
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#64
Chlorobenzene
Concen: 19.441 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 112 Resp: 97304
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.170 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

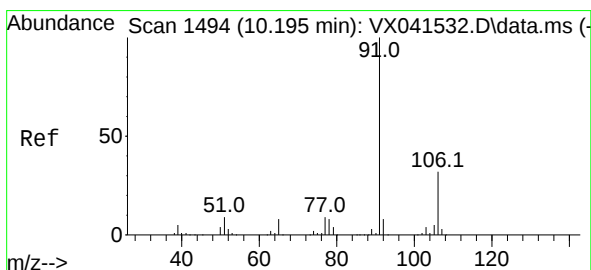
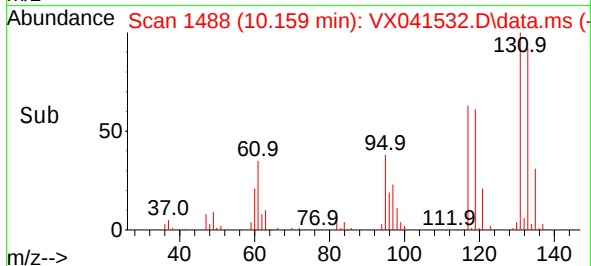
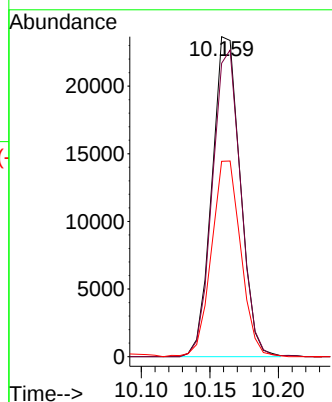
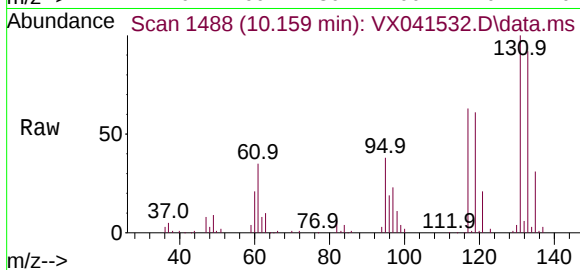
Tgt Ion:131 Resp: 33959

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.6

119 63.2 0.0 126.4



#66

Ethyl Benzene

Concen: 19.669 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041532.D

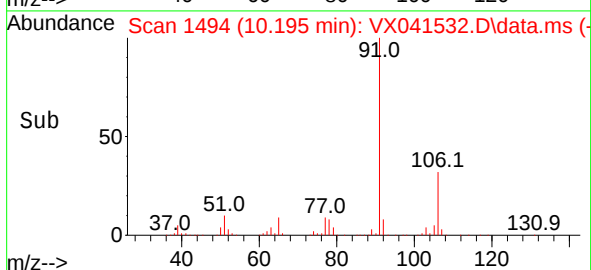
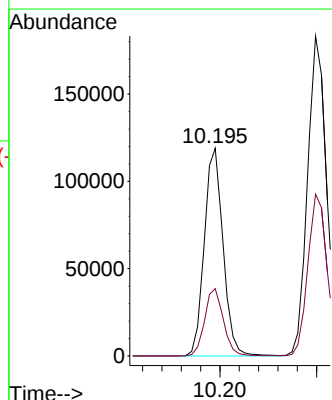
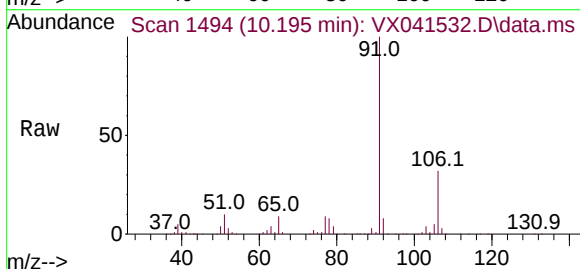
Acq: 15 May 2024 11:57

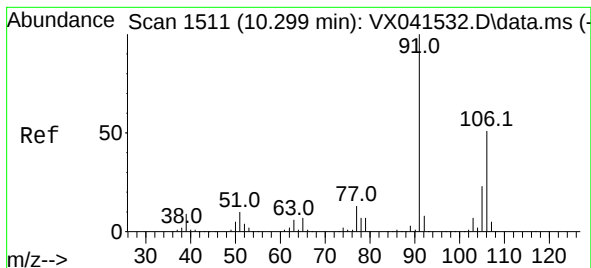
Tgt Ion: 91 Resp: 160938

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9

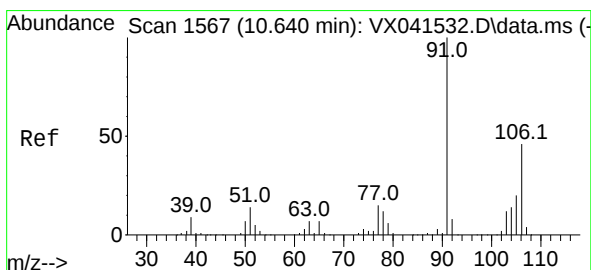
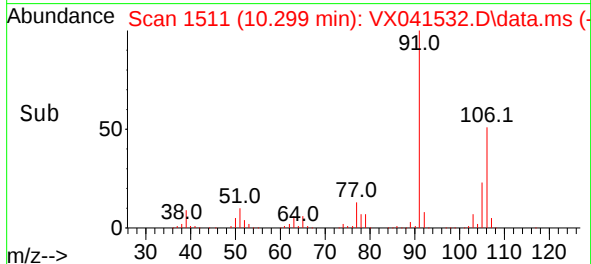
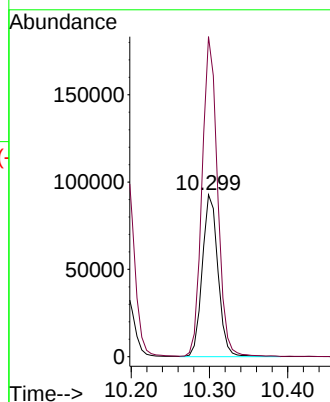
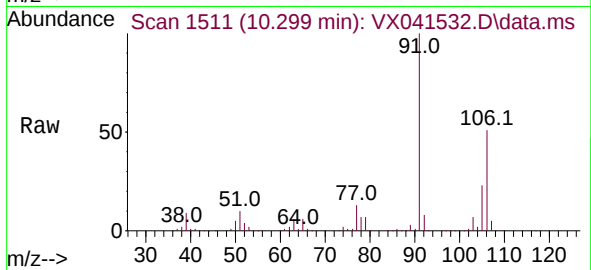




#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

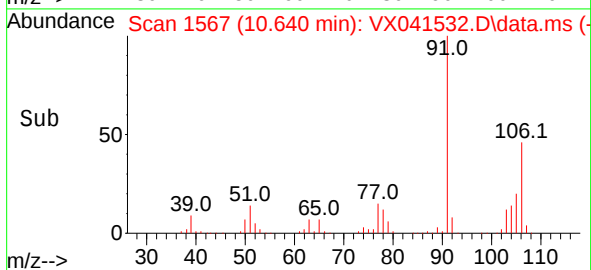
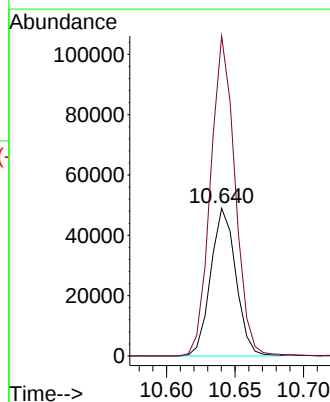
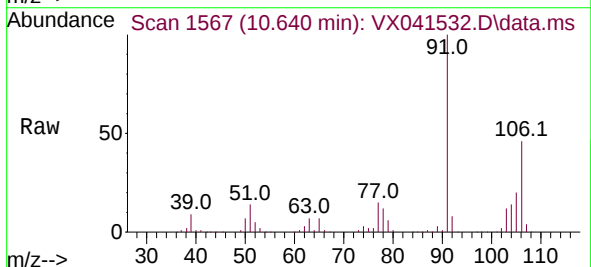
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

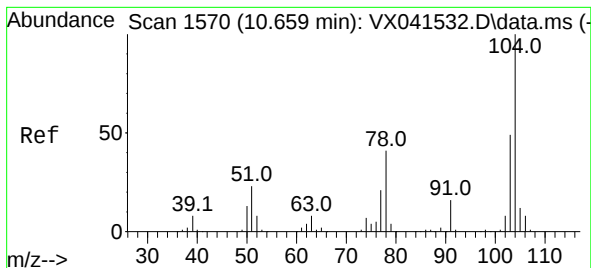
Tgt Ion:106 Resp: 129005
Ion Ratio Lower Upper
106 100
91 195.6 156.5 234.7



#68
o-Xylene
Concen: 19.422 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:106 Resp: 62552
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.6





#69

Styrene

Concen: 19.291 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

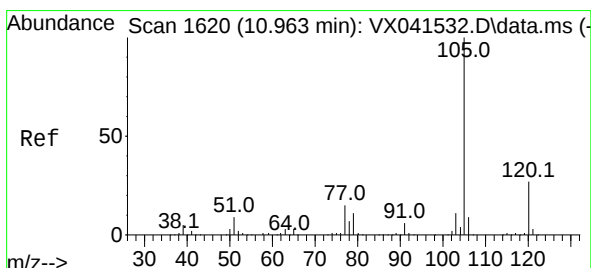
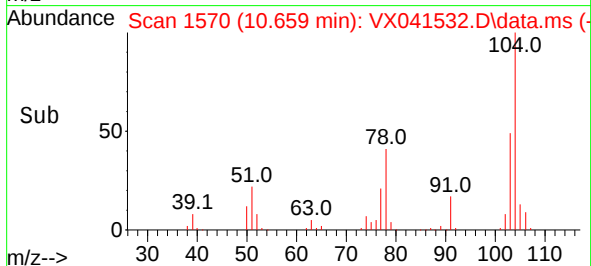
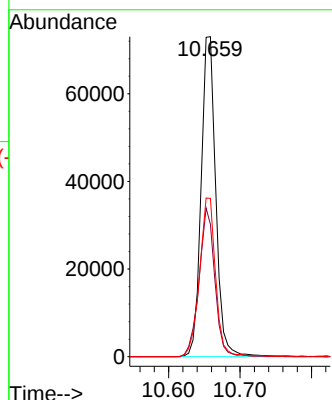
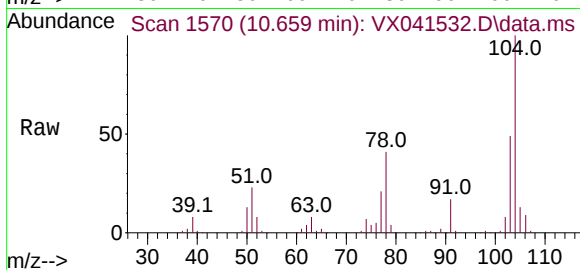
Tgt Ion:104 Resp: 104173

Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

103 54.0 43.2 64.8



#70

Isopropylbenzene

Concen: 20.171 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041532.D

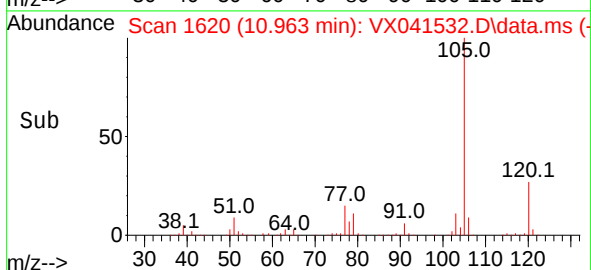
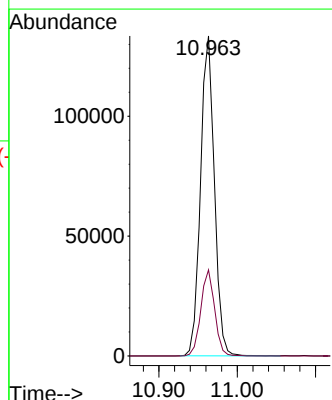
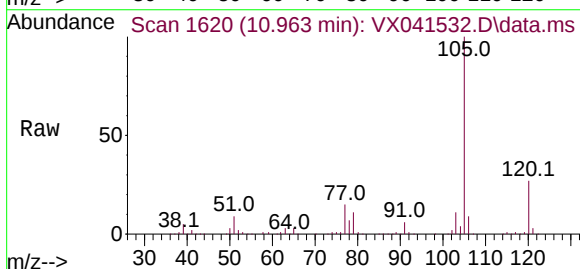
Acq: 15 May 2024 11:57

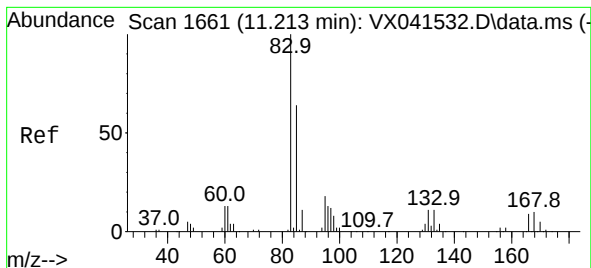
Tgt Ion:105 Resp: 164152

Ion Ratio Lower Upper

105 100

120 26.8 18.8 34.8

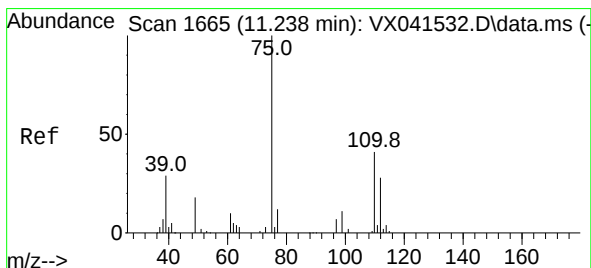
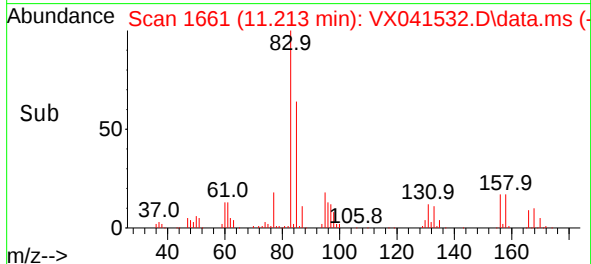
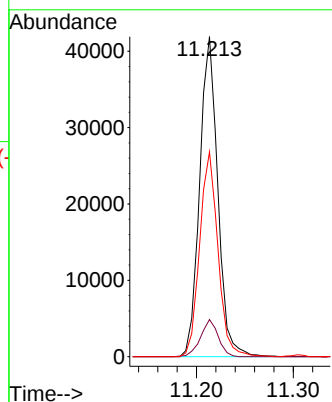
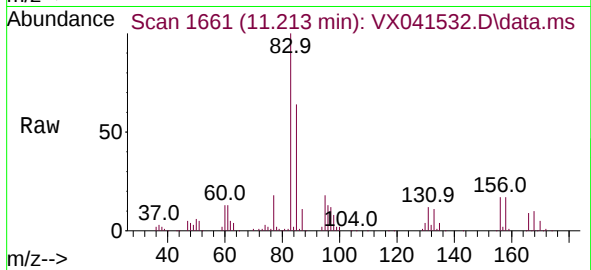




#71
1,1,2,2-Tetrachloroethane
Concen: 19.589 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

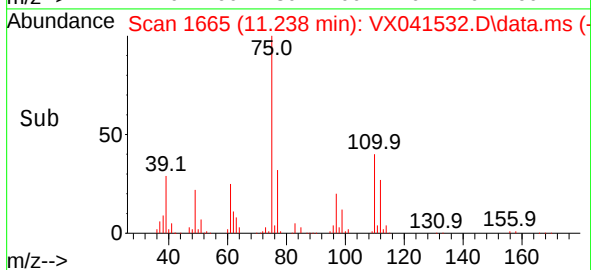
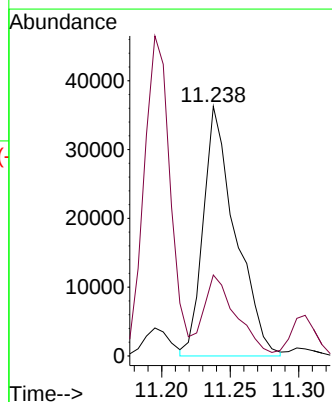
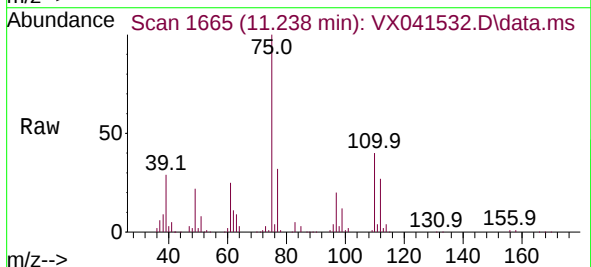
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

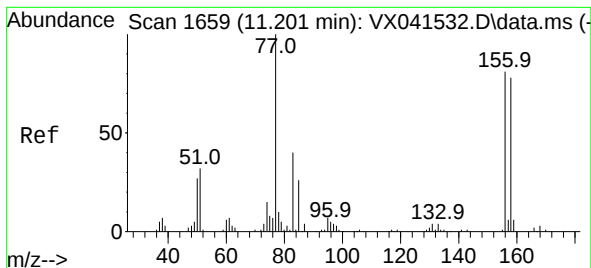
Tgt Ion: 83 Resp: 54766
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 64.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 24.012 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 75 Resp: 59225
Ion Ratio Lower Upper
75 100
77 33.2 0.0 78.8





#73

Bromobenzene

Concen: 19.287 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

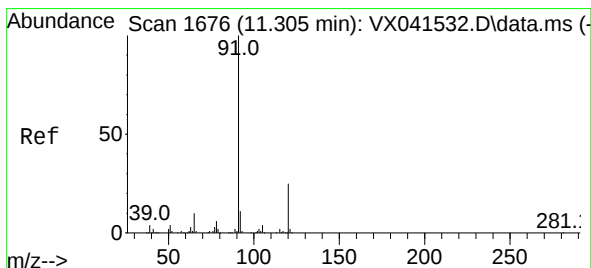
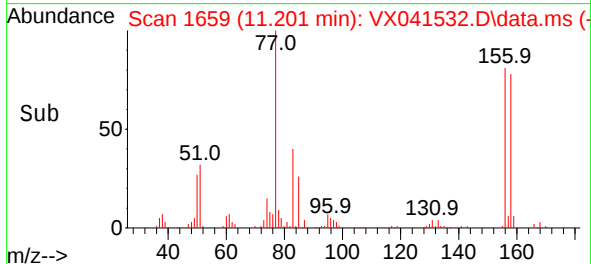
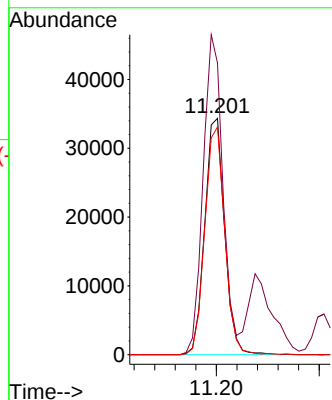
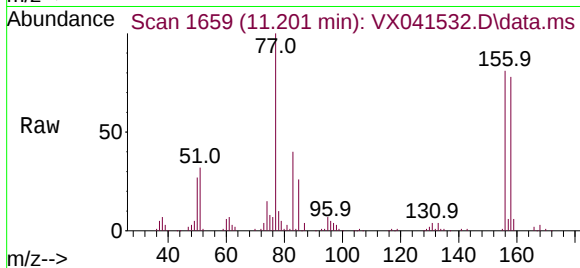
Tgt Ion:156 Resp: 46119

Ion Ratio Lower Upper

156 100

77 133.7 0.0 267.4

158 96.4 0.0 192.8



#74

n-propylbenzene

Concen: 19.578 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041532.D

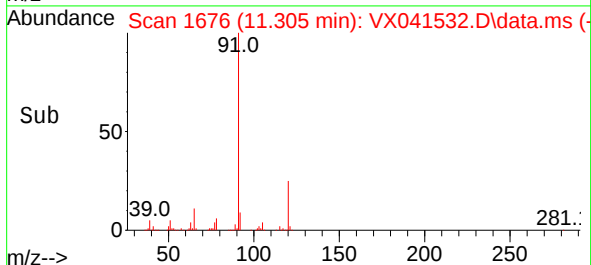
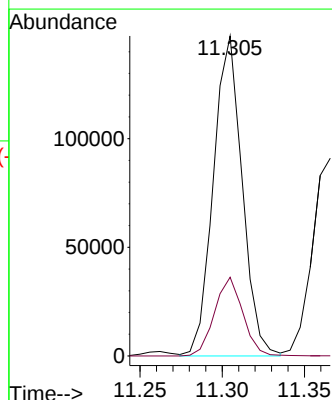
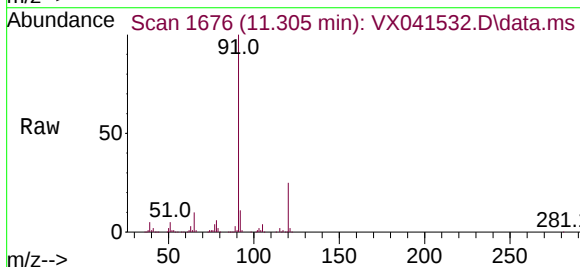
Acq: 15 May 2024 11:57

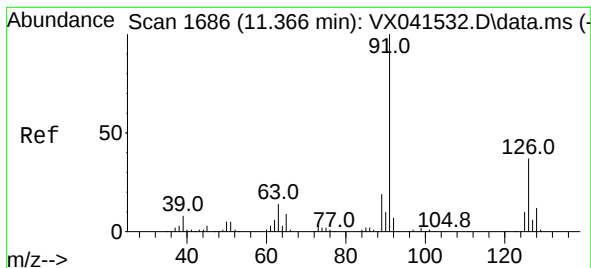
Tgt Ion: 91 Resp: 179656

Ion Ratio Lower Upper

91 100

120 24.2 0.0 48.4

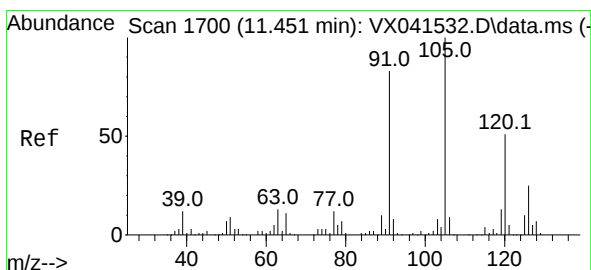
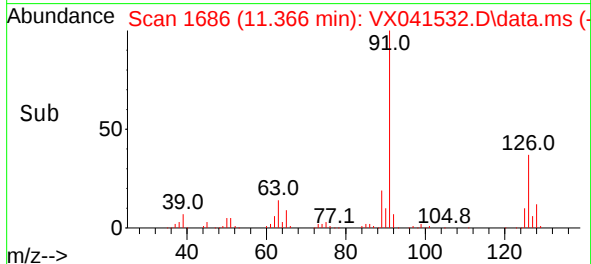
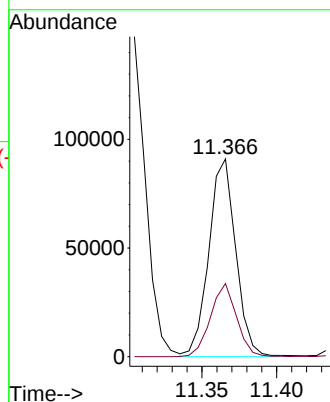
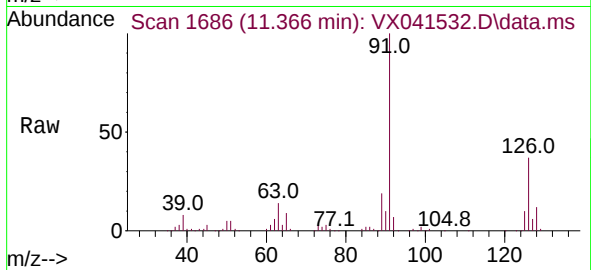




#75
2-Chlorotoluene
Concen: 19.763 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

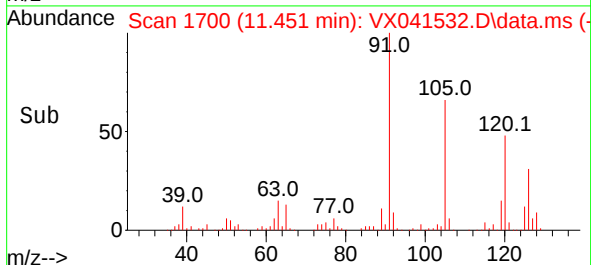
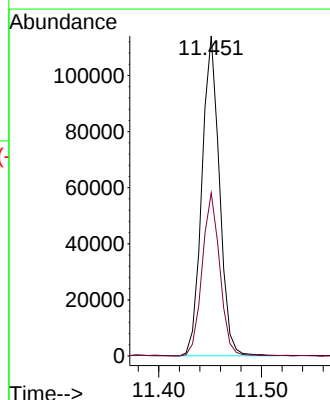
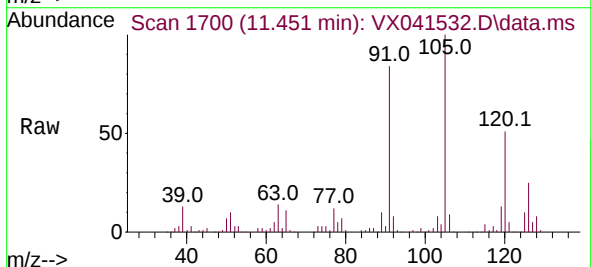
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

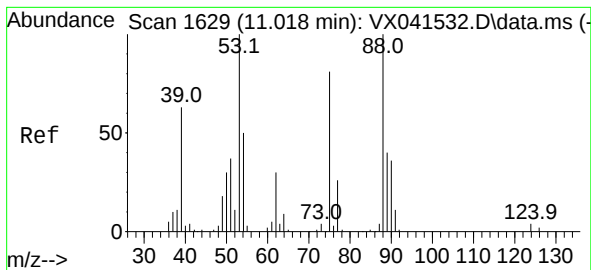
Tgt Ion: 91 Resp: 113888
Ion Ratio Lower Upper
91 100
126 35.8 0.0 71.6



#76
1,3,5-Trimethylbenzene
Concen: 19.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 105 Resp: 135470
Ion Ratio Lower Upper
105 100
120 51.3 0.0 102.6

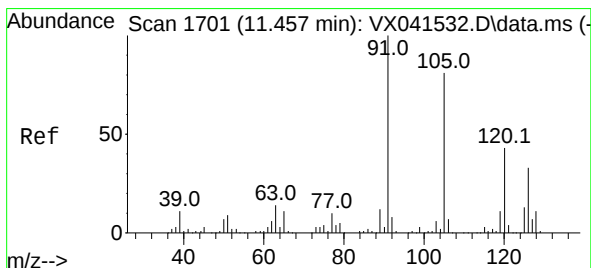
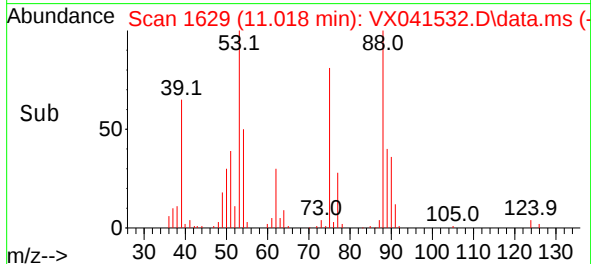
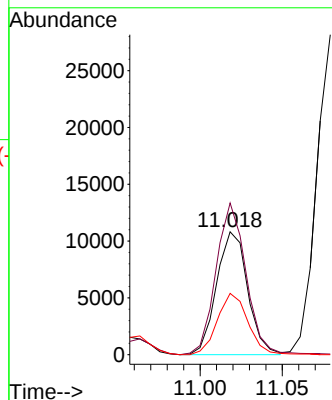
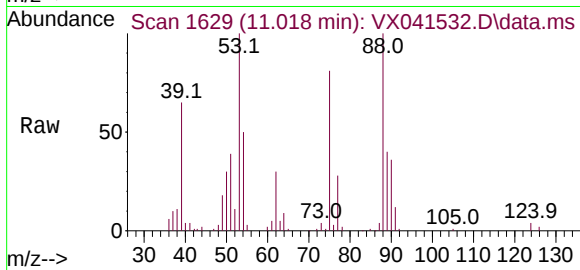




#77
t-1,4-Dichloro-2-butene
Concen: 17.976 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

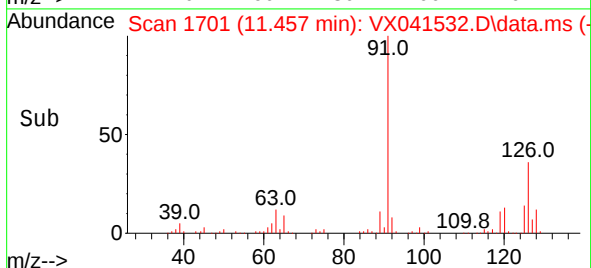
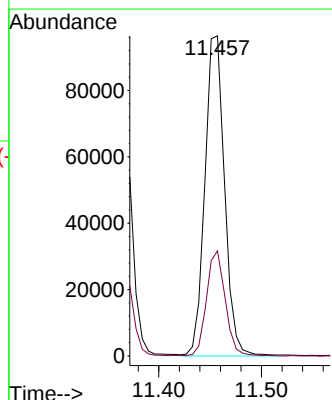
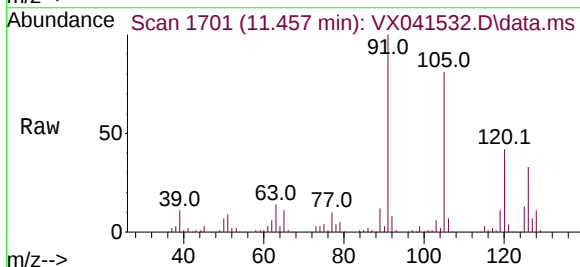
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

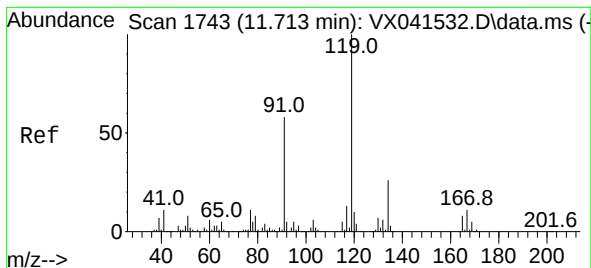
Tgt Ion: 75 Resp: 14245
Ion Ratio Lower Upper
75 100
53 123.5 61.8 185.3
89 49.8 24.9 74.7



#78
4-Chlorotoluene
Concen: 19.660 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion: 91 Resp: 129039
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.2





#79

tert-butylbenzene

Concen: 19.496 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

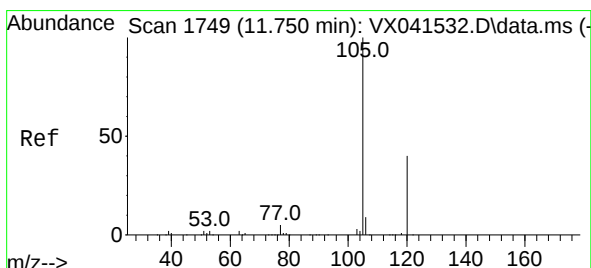
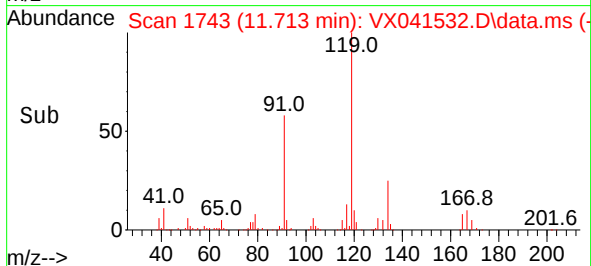
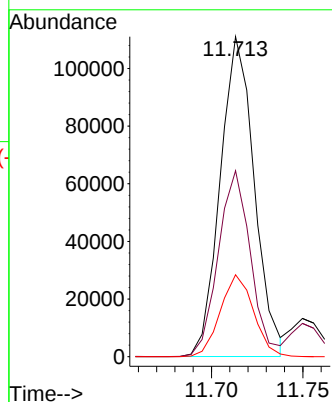
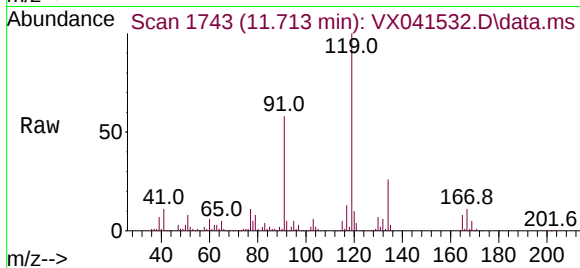
Tgt Ion:119 Resp: 144140

Ion Ratio Lower Upper

119 100

91 55.0 0.0 110.0

134 25.0 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 19.786 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041532.D

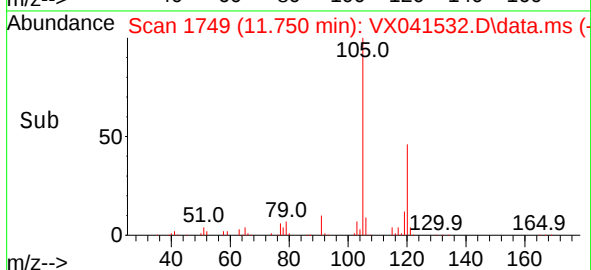
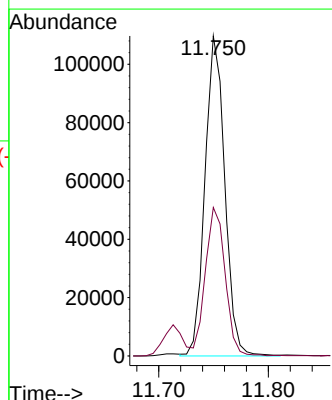
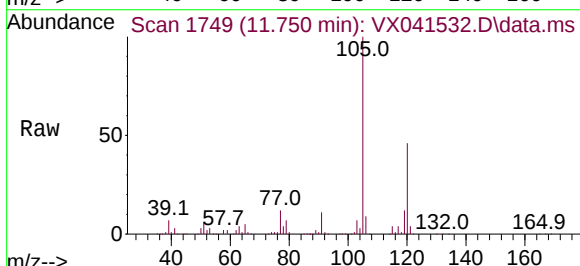
Acq: 15 May 2024 11:57

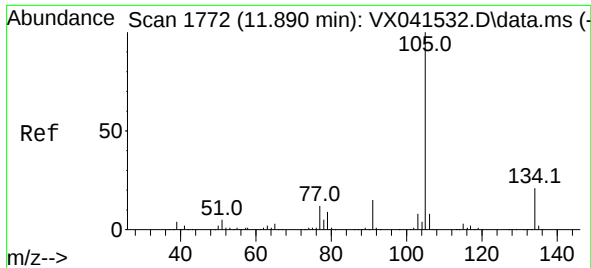
Tgt Ion:105 Resp: 137759

Ion Ratio Lower Upper

105 100

120 46.1 0.0 92.2

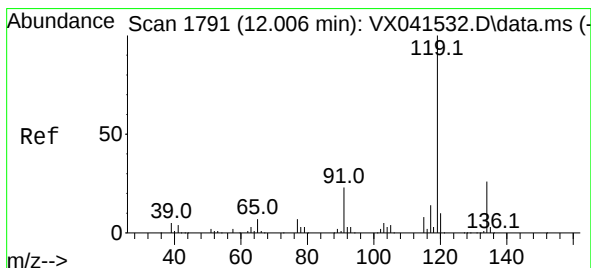
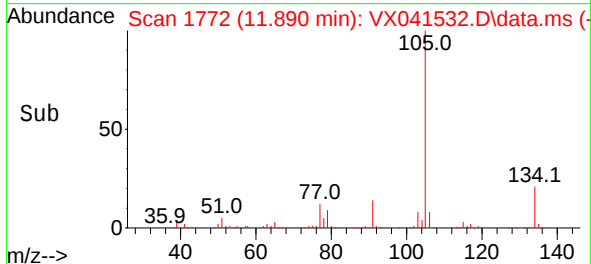
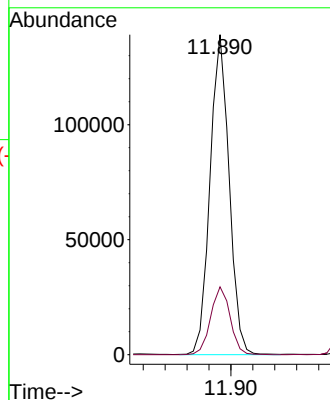
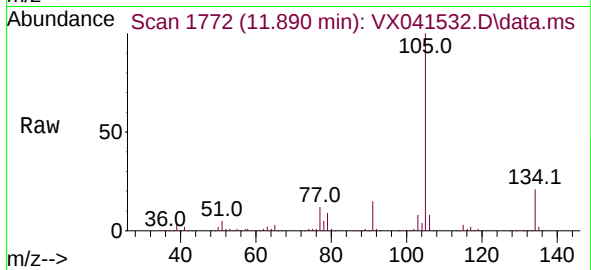




#81
 sec-Butylbenzene
 Concen: 19.456 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

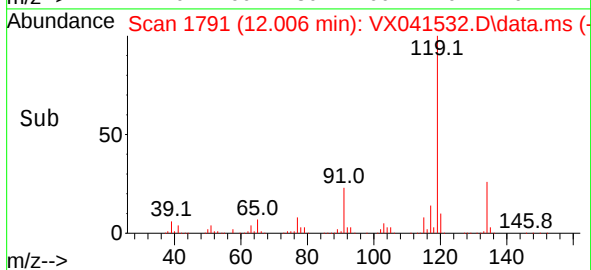
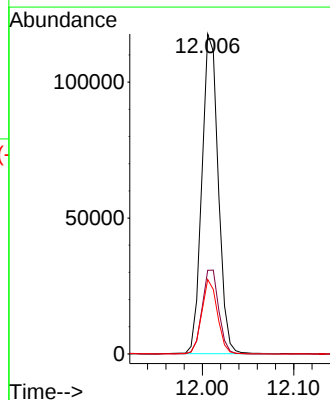
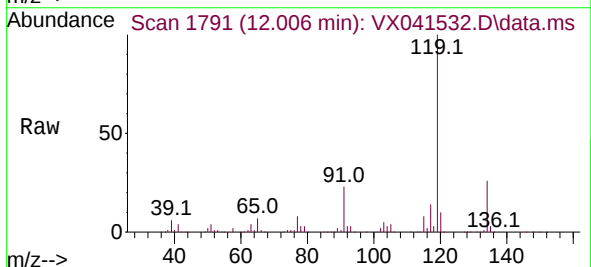
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

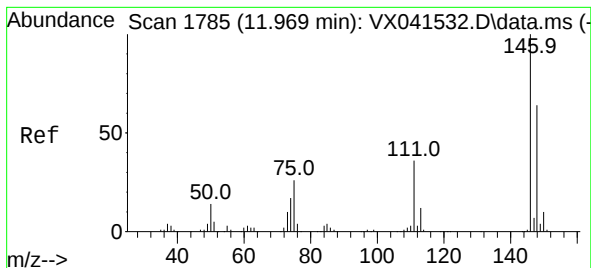
Tgt Ion:105 Resp: 168081
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 19.327 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041532.D
 Acq: 15 May 2024 11:57

Tgt Ion:119 Resp: 146162
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 22.4 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 19.145 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

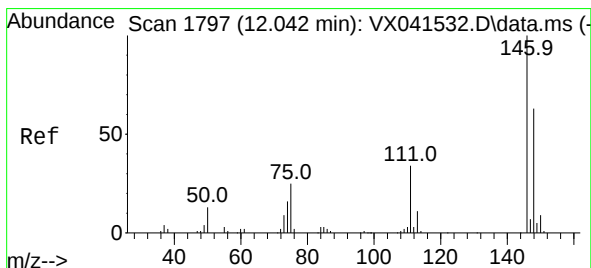
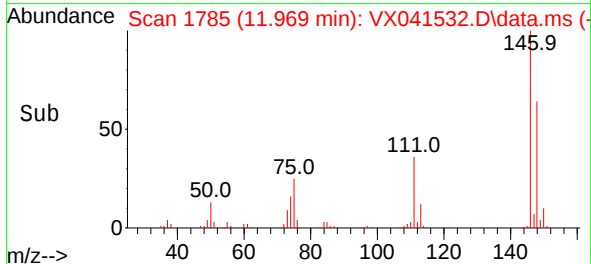
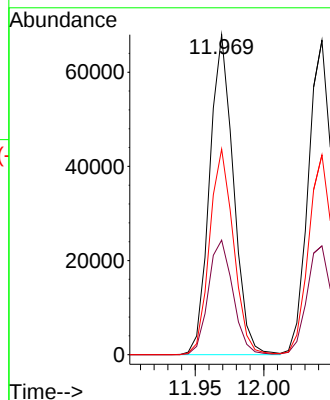
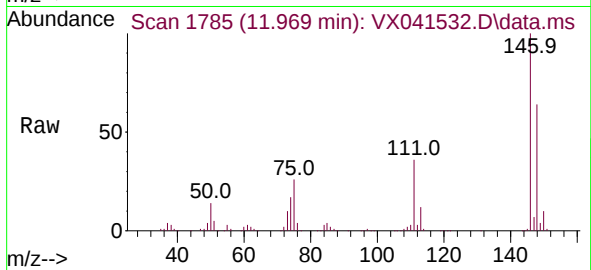
Tgt Ion:146 Resp: 82107

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 64.6 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 19.158 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

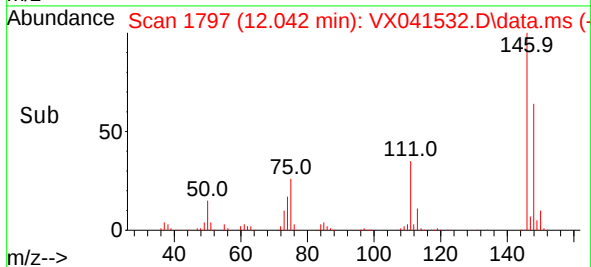
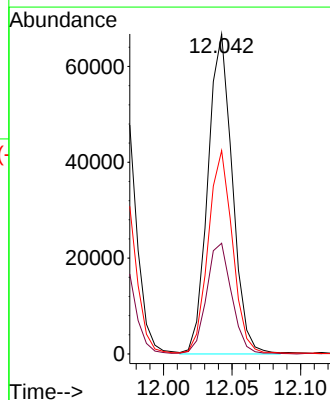
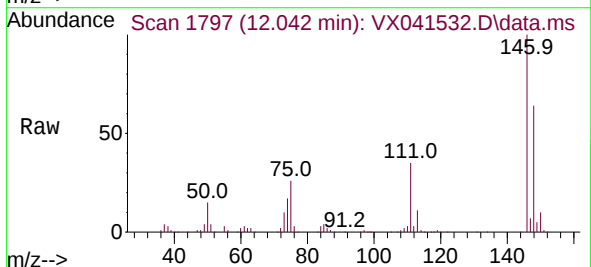
Tgt Ion:146 Resp: 83018

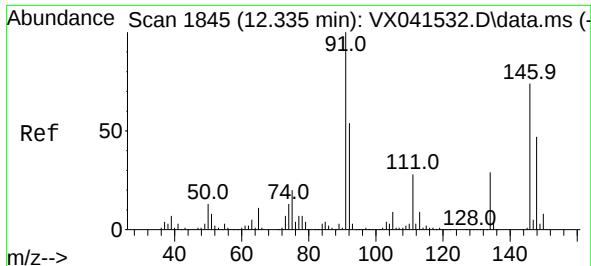
Ion Ratio Lower Upper

146 100

111 35.7 17.8 53.5

148 63.7 31.9 95.5





#85

n-Butylbenzene

Concen: 18.561 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

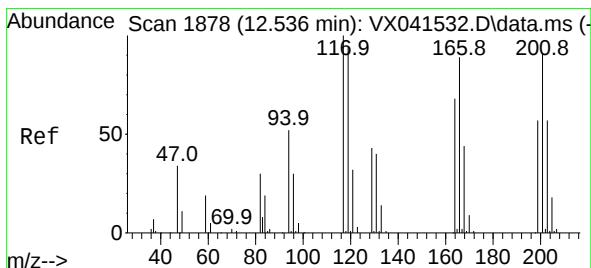
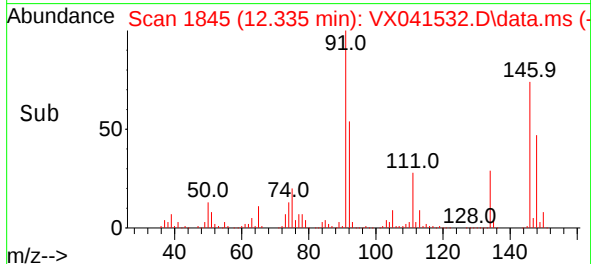
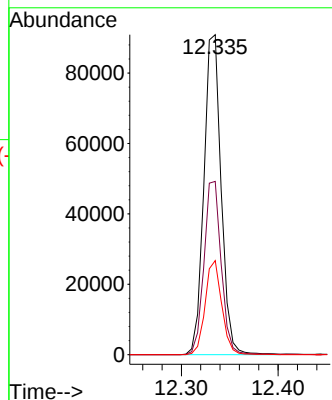
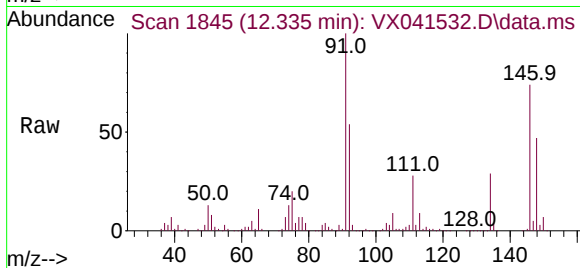
Tgt Ion: 91 Resp: 112949

Ion Ratio Lower Upper

91 100

92 54.2 0.0 108.4

134 28.3 0.0 56.6



#86

Hexachloroethane

Concen: 18.104 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041532.D

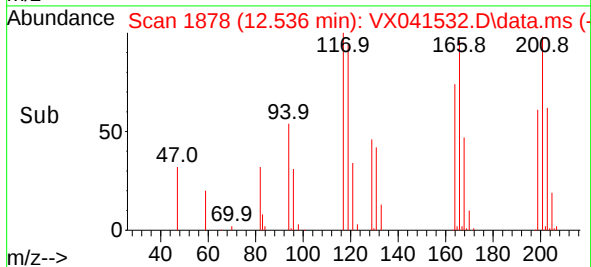
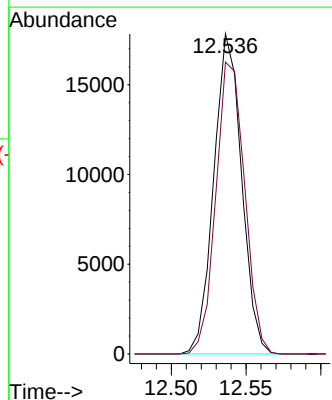
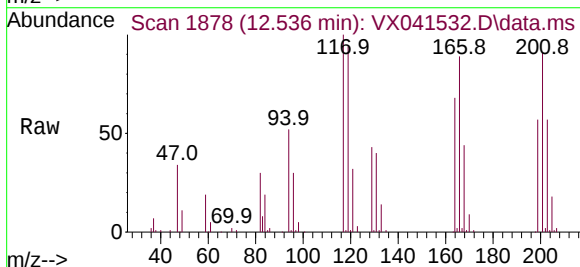
Acq: 15 May 2024 11:57

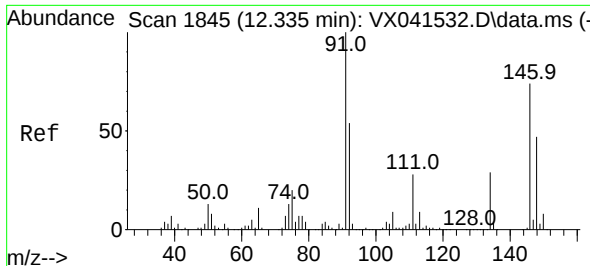
Tgt Ion: 117 Resp: 23054

Ion Ratio Lower Upper

117 100

201 94.5 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 19.346 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

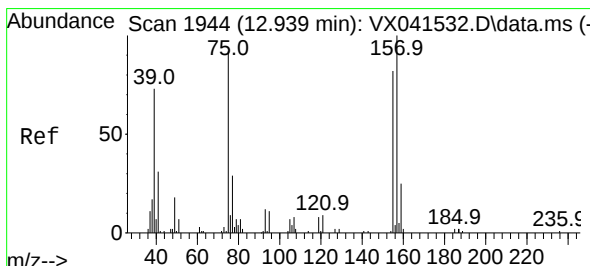
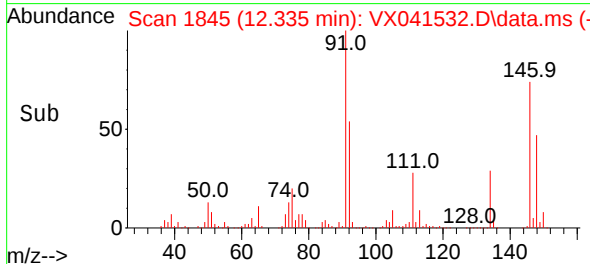
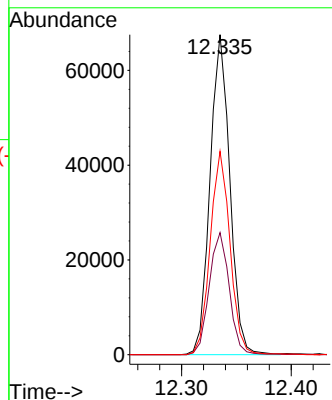
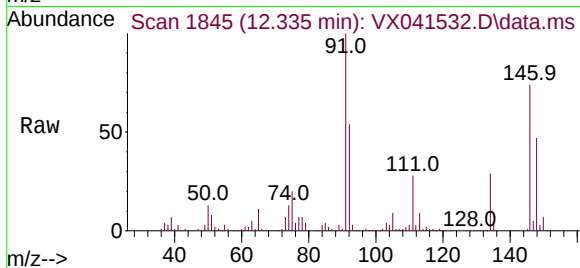
Tgt Ion:146 Resp: 84682

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.6 31.8 95.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.771 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

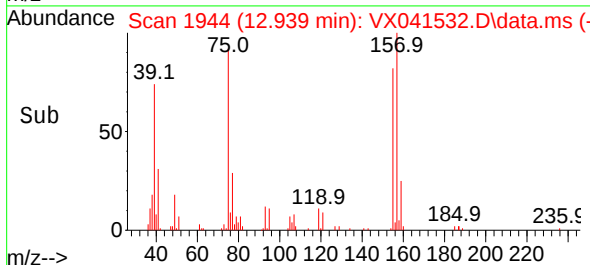
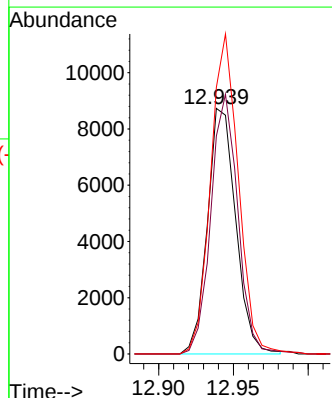
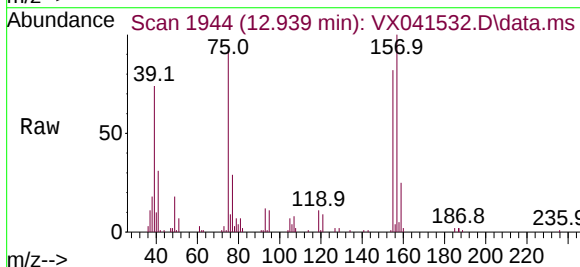
Tgt Ion: 75 Resp: 11525

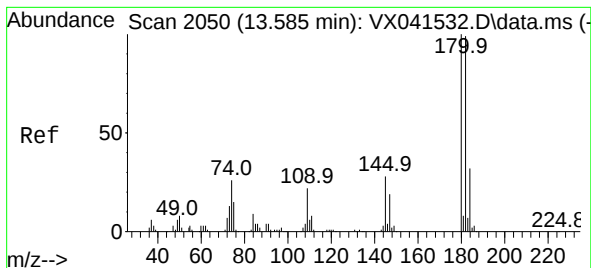
Ion Ratio Lower Upper

75 100

155 100.5 80.4 120.6

157 127.7 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 18.730 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

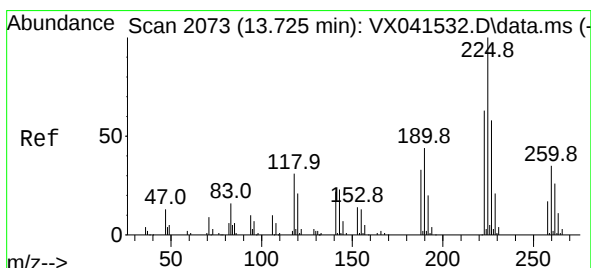
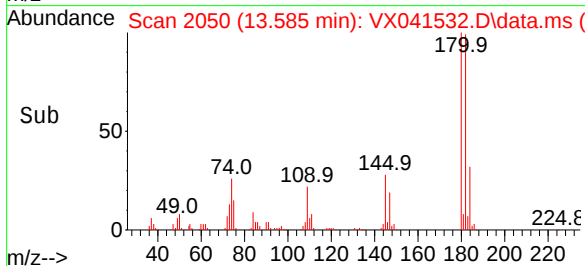
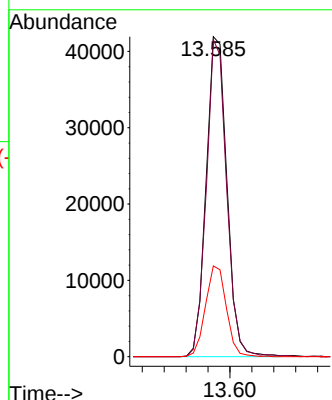
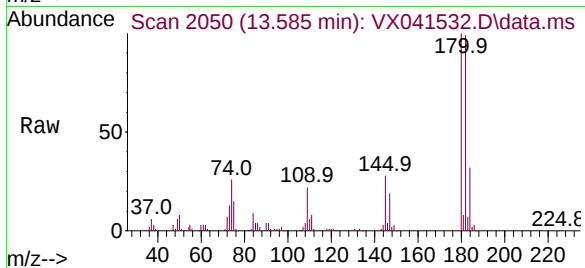
Tgt Ion:180 Resp: 55088

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 28.4 22.7 34.1



#90

Hexachlorobutadiene

Concen: 19.175 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041532.D

Acq: 15 May 2024 11:57

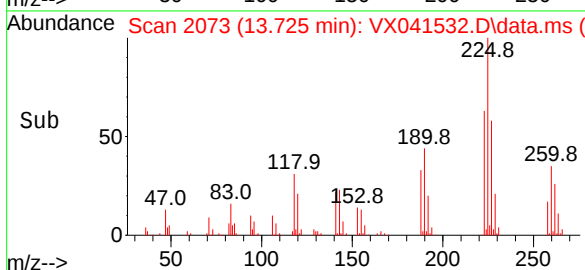
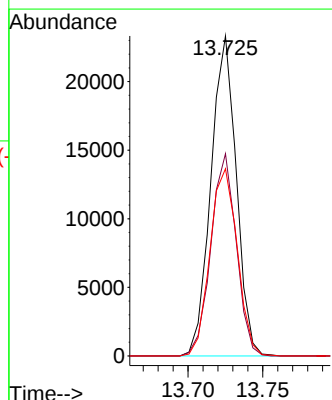
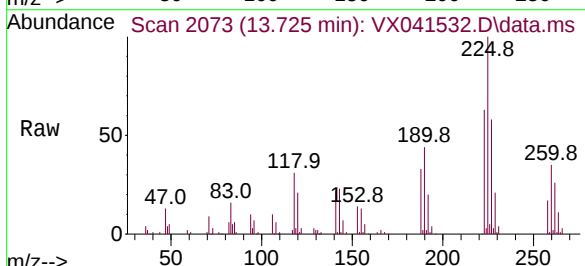
Tgt Ion:225 Resp: 27514

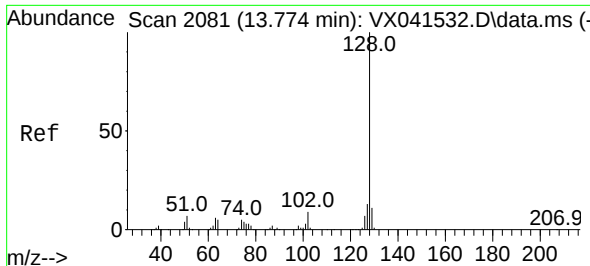
Ion Ratio Lower Upper

225 100

223 62.9 0.0 125.8

227 62.8 0.0 125.6

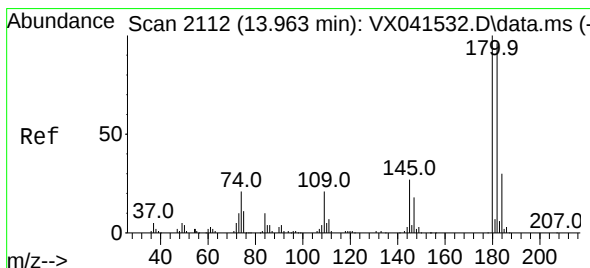
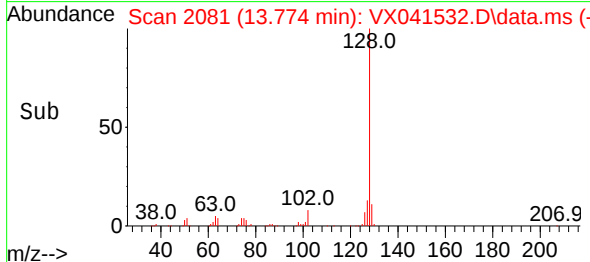
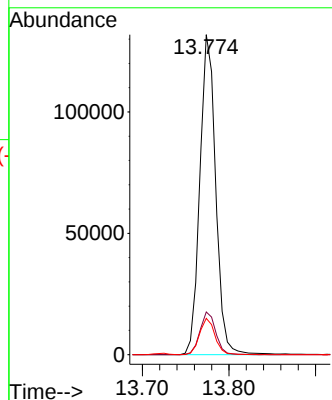
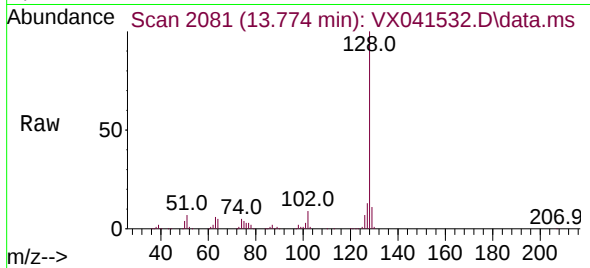




#91
Naphthalene
Concen: 19.084 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 167761
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.328 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041532.D
Acq: 15 May 2024 11:57

Tgt Ion:180 Resp: 58080
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 29.3 0.0 58.6

