

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033366.D
 Acq On : 12 Dec 2022 11:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 13 07:29:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	13947	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	97328	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35260	28.786	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.967%
60) 4-Bromofluorobenzene	11.079	95	59255	29.855	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.533%
63) Toluene-d8	8.653	98	105134	29.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84999	83.447	ug/l	94
3) Chloromethane	1.294	50	88901	86.491	ug/l	98
4) Vinyl Chloride	1.374	62	103825	84.188	ug/l	99
5) Bromomethane	1.617	94	74189	82.263	ug/l	98
6) Chloroethane	1.691	64	72416	79.421	ug/l	95
7) Trichlorofluoromethane	1.886	101	202817	80.668	ug/l	98
8) Diethyl Ether	2.136	74	65669	83.633	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	112657	88.249	ug/l	99
10) 1,1-Dichloroethene	2.325	96	108849	90.564	ug/l	96
11) Methyl Iodide	2.453	142	134334	98.407	ug/l	99
12) Methyl Acetate	2.703	43	144879	85.478	ug/l	99
13) Acrolein	2.239	56	124225	463.287	ug/l	99
14) Acrylonitrile	3.068	53	263948	428.431	ug/l	99
15) Acetone	2.392	58	94002	443.892	ug/l	90
16) Carbon Disulfide	2.514	76	277061	85.565	ug/l	98
17) Allyl chloride	2.666	41	168226	85.271	ug/l	94
18) Methylene Chloride	2.794	84	116051	83.193	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	119279	85.188	ug/l	99
20) Diisopropyl ether	3.757	45	353112	85.055	ug/l	99
21) 1,1-Dichloroethane	3.611	63	206227	84.217	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	140831	86.646	ug/l	97
24) Methyl tert-Butyl Ether	3.111	73	372667	85.689	ug/l	98
25) Chloroform	5.099	83	231863	83.208	ug/l	95
26) Cyclohexane	5.470	56	182566	85.241	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	168254	85.534	ug/l	99
30) 2-Butanone	4.562	43	386567	420.392	ug/l	98
31) 2,2-Dichloropropane	4.477	77	175974	85.123	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	214457	84.455	ug/l	98
33) Carbon Tetrachloride	5.678	117	194499	83.764	ug/l	95
34) Benzene	6.043	78	480250	85.193	ug/l	99
35) Methacrylonitrile	4.922	41	82314	87.349	ug/l	98
36) 1,2-Dichloroethane	6.086	62	177538	81.934	ug/l	97
37) Trichloroethene	7.129	130	138376	86.449	ug/l	98
38) Methylcyclohexane	7.379	83	199656	86.137	ug/l	98
39) 1,2-Dichloropropane	7.433	63	121153	86.191	ug/l	98
40) Dibromomethane	7.580	93	90937	84.552	ug/l	99
41) Bromodichloromethane	7.824	83	185535	84.183	ug/l	100
42) Vinyl Acetate	3.721	43	1385277	435.132	ug/l	98
43) Ethyl Acetate	4.714	43	144123	87.170	ug/l	100

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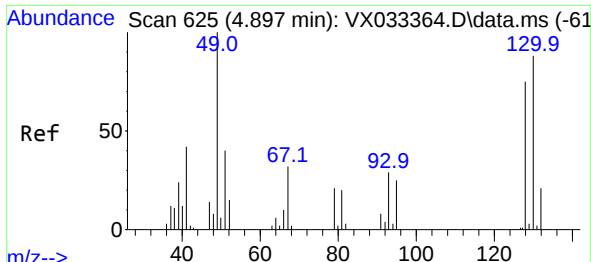
Quant Time: Dec 13 07:29:14 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.342	43	244770	87.208	ug/l	98
45) 1,4-Dioxane	7.708	88	57456	1747.755	ug/l #	93
46) Methyl methacrylate	7.690	41	123861	88.593	ug/l	96
47) n-amyl Acetate	10.841	43	212050	90.026	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	196556	88.912	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	210037	88.520	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	129907	87.344	ug/l	99
51) Ethyl methacrylate	9.116	69	191965	90.332	ug/l	95
52) 1,3-Dichloropropane	9.311	76	207981	85.635	ug/l	98
53) Dibromochloromethane	9.525	129	153343	85.790	ug/l	99
54) 1,2-Dibromoethane	9.610	107	142595	87.587	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	440481	441.467	ug/l	99
56) Bromoform	10.799	173	114400	88.671	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	732205	422.530	ug/l	98
59) 2-Hexanone	9.433	43	553492	417.692	ug/l	97
61) Tetrachloroethene	9.275	164	118773	82.769	ug/l	98
62) Toluene	8.720	91	553406	85.079	ug/l	99
64) Chlorobenzene	10.079	112	351076	85.320	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	137884	84.853	ug/l	98
66) Ethyl Benzene	10.195	91	626373	85.460	ug/l	98
67) m/p-Xylenes	10.305	106	494345	172.549	ug/l	95
68) o-Xylene	10.640	106	242067	86.717	ug/l	97
69) Styrene	10.658	104	405983	87.546	ug/l	99
70) Isopropylbenzene	10.963	105	633302	85.496	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	184894	84.399	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	205201	105.183	ug/l	92
73) Bromobenzene	11.201	156	158825	86.660	ug/l	98
74) n-propylbenzene	11.305	91	732429	86.287	ug/l	99
75) 2-Chlorotoluene	11.366	91	436007	85.451	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	538228	86.428	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	58617	90.366	ug/l	92
78) 4-Chlorotoluene	11.457	91	500648	85.624	ug/l	98
79) tert-butylbenzene	11.713	119	530977	86.010	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	523681	85.550	ug/l	98
81) sec-Butylbenzene	11.890	105	640840	86.373	ug/l	99
82) p-Isopropyltoluene	12.012	119	545640	86.234	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	291738	86.484	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	289677	85.315	ug/l	99
85) n-Butylbenzene	12.335	91	467286	88.474	ug/l	99
86) Hexachloroethane	12.536	117	97476	86.796	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	283271	85.221	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	40146	84.111	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	183996	89.609	ug/l	97
90) Hexachlorobutadiene	13.725	225	74135	85.089	ug/l	98
91) Naphthalene	13.774	128	594225	89.420	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	181750	88.389	ug/l	98

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

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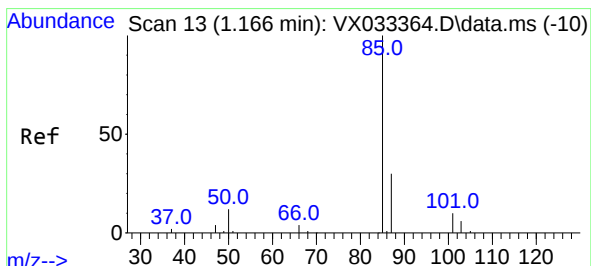
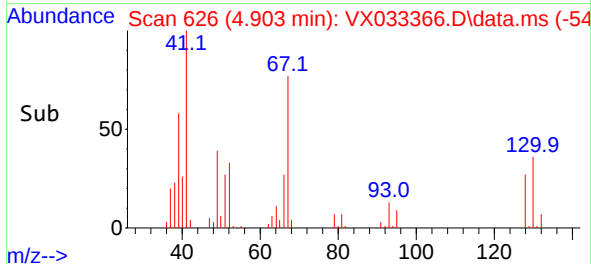
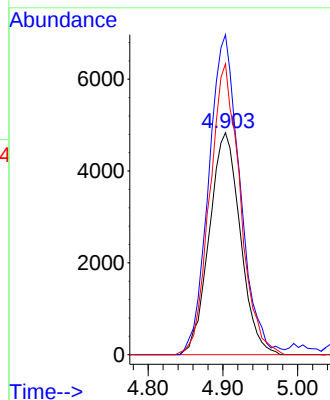
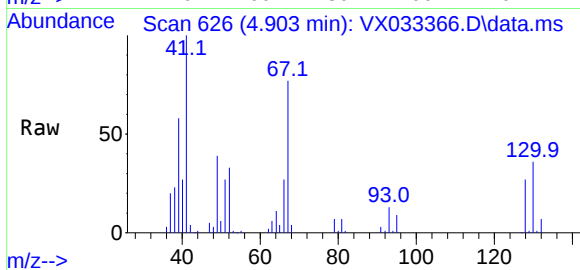




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

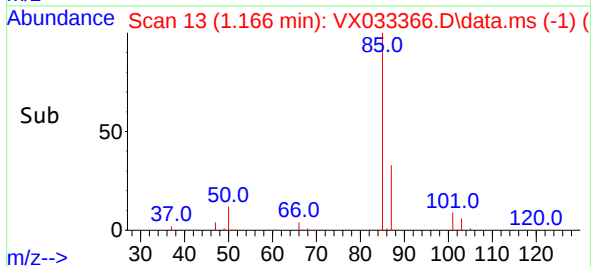
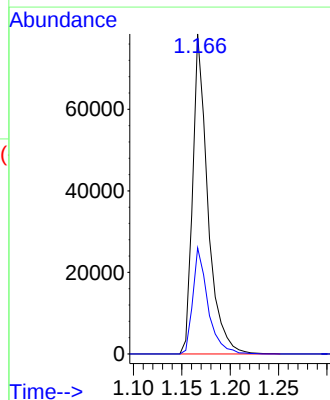
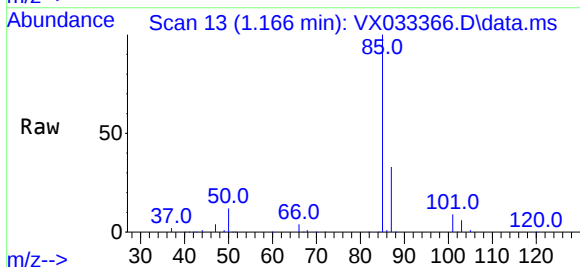
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 13947
Ion Ratio Lower Upper
128 100
49 144.4 0.0 339.5
130 128.3 0.0 318.0

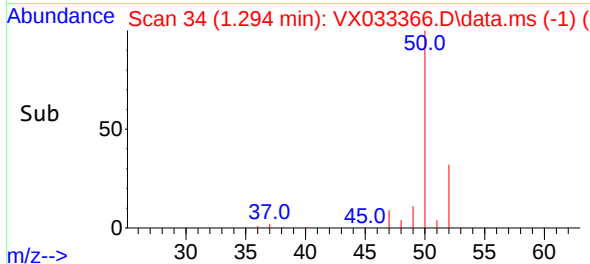
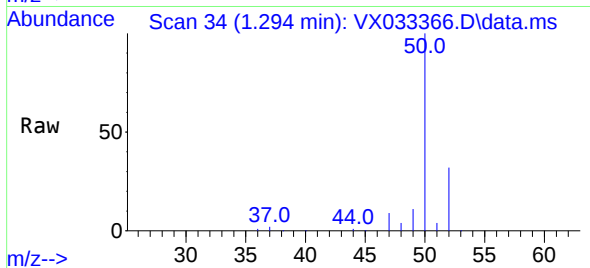
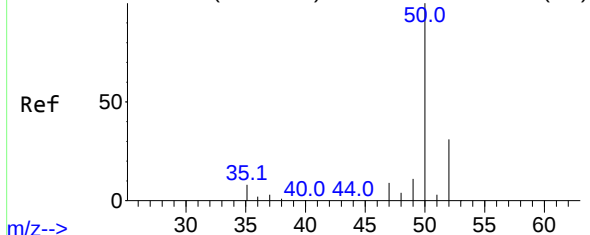


#2
Dichlorodifluoromethane
Concen: 83.447 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 85 Resp: 84999
Ion Ratio Lower Upper
85 100
87 33.1 14.9 44.7



Abundance Scan 34 (1.294 min): VX033364.D\data.ms (-30)



#3

Chloromethane

Concen: 86.491 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

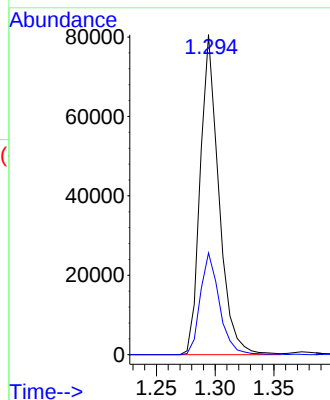
VSTDICC100

Tgt Ion: 50 Resp: 88901

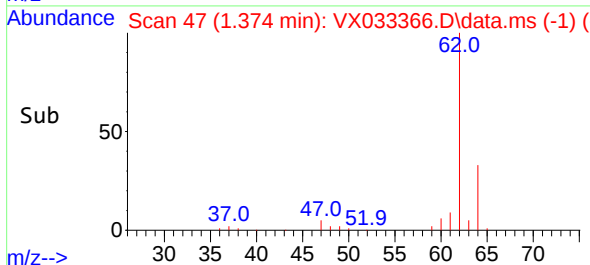
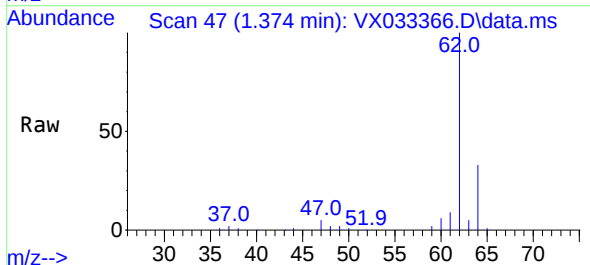
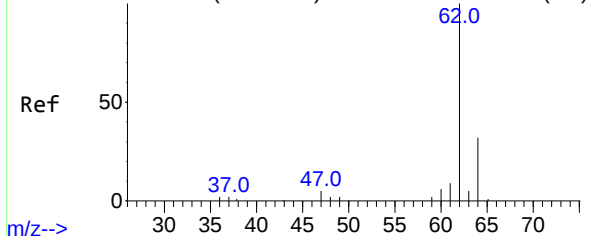
Ion Ratio Lower Upper

50 100

52 31.8 24.6 36.8



Abundance Scan 47 (1.374 min): VX033364.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 84.188 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX033366.D

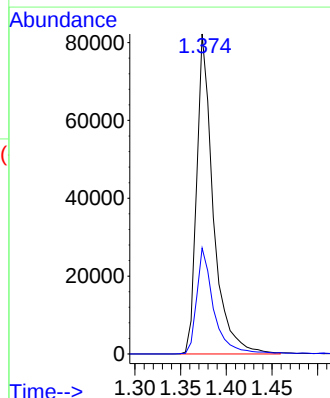
Acq: 12 Dec 2022 11:44

Tgt Ion: 62 Resp: 103825

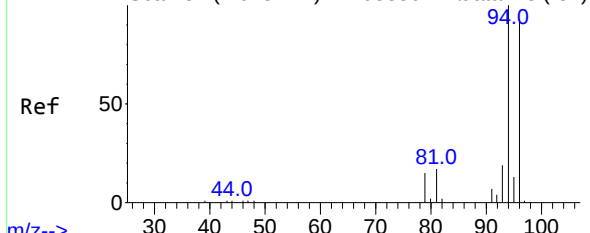
Ion Ratio Lower Upper

62 100

64 33.0 25.9 38.9



Abundance Scan 87 (1.618 min): VX033364.D\data.ms (-82)



#5

Bromomethane

Concen: 82.263 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

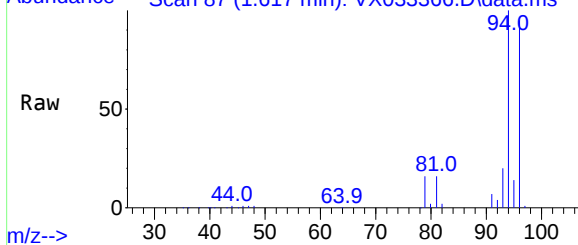
Tgt Ion: 94 Resp: 74189

Ion Ratio Lower Upper

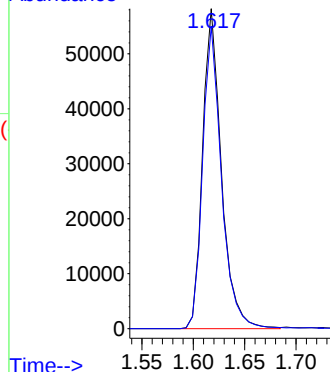
94 100

96 94.6 74.2 111.2

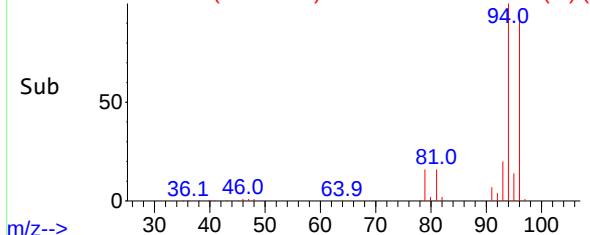
Abundance Scan 87 (1.617 min): VX033366.D\data.ms



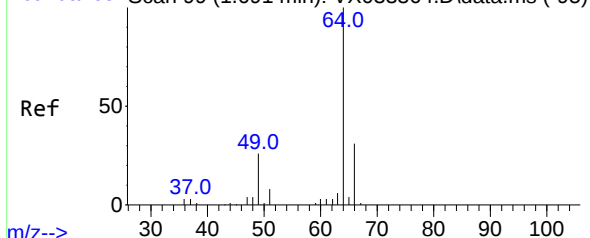
Abundance



Abundance Scan 87 (1.617 min): VX033366.D\data.ms (-5)



Abundance Scan 99 (1.691 min): VX033364.D\data.ms (-95)



#6

Chloroethane

Concen: 79.421 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

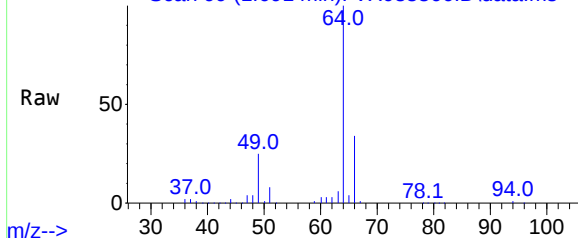
Tgt Ion: 64 Resp: 72416

Ion Ratio Lower Upper

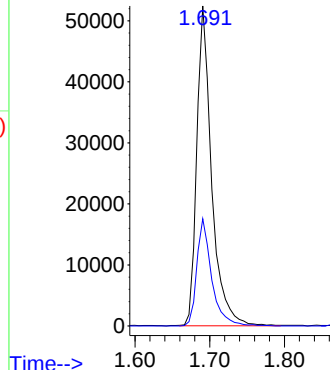
64 100

66 33.6 24.8 37.2

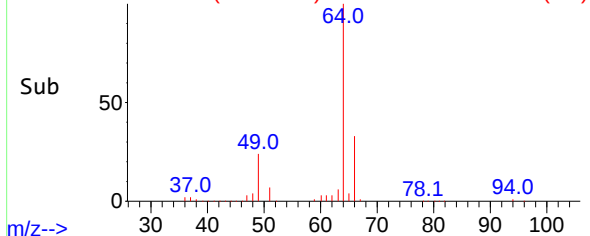
Abundance Scan 99 (1.691 min): VX033366.D\data.ms

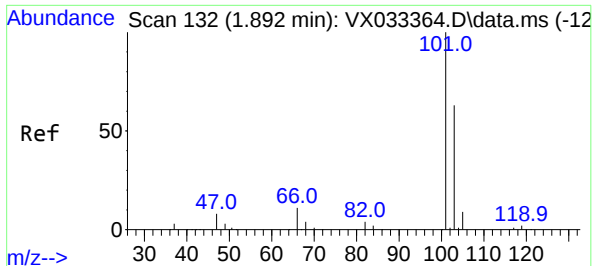


Abundance



Abundance Scan 99 (1.691 min): VX033366.D\data.ms (-17)

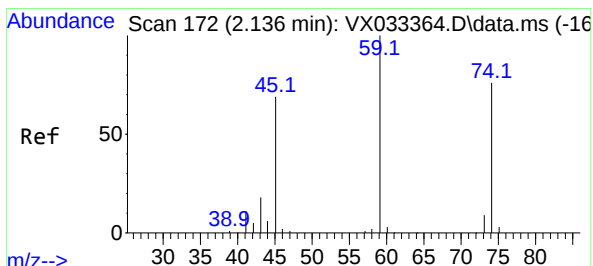
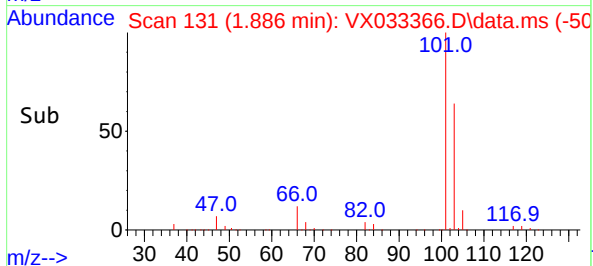
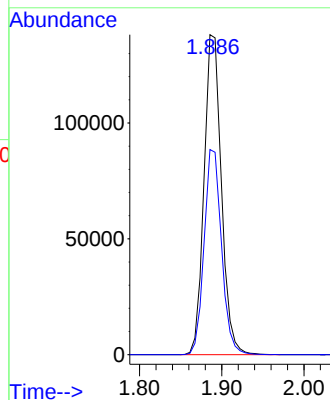
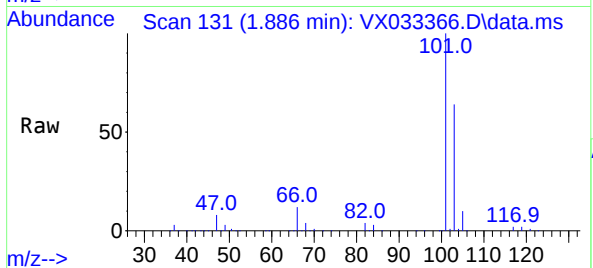




#7
Trichlorofluoromethane
Concen: 80.668 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

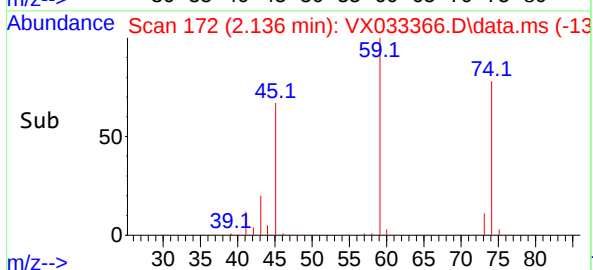
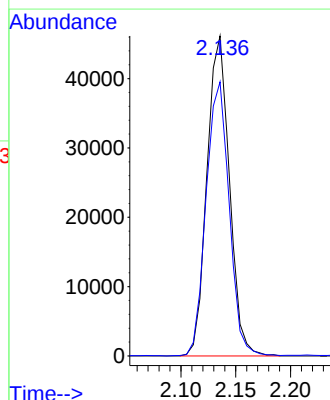
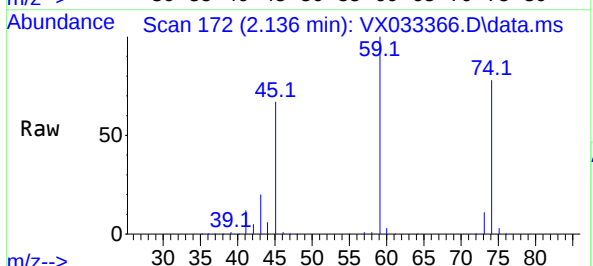
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

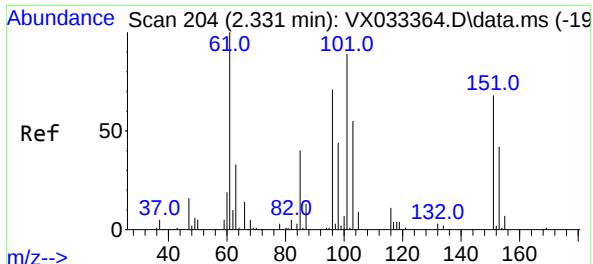
Tgt Ion:101 Resp: 202817
Ion Ratio Lower Upper
101 100
103 64.1 50.3 75.5



#8
Diethyl Ether
Concen: 83.633 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 74 Resp: 65669
Ion Ratio Lower Upper
74 100
45 87.7 18.0 161.8

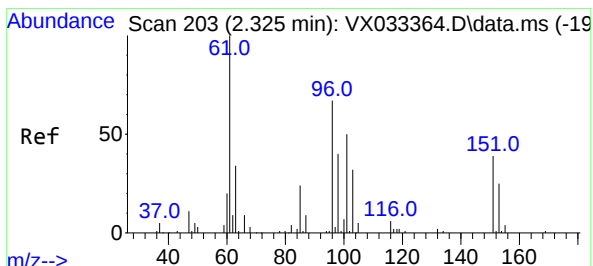
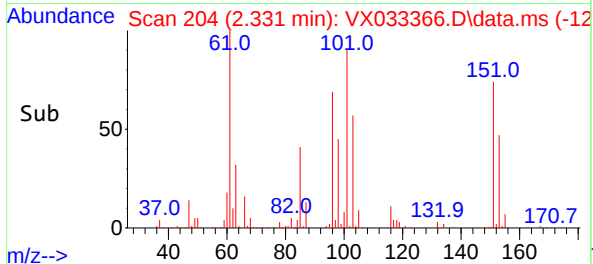
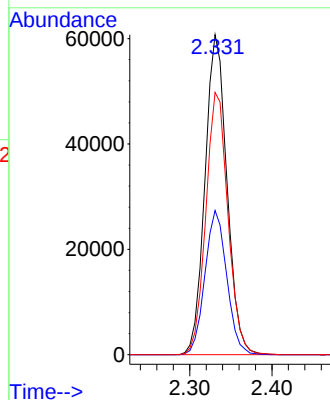
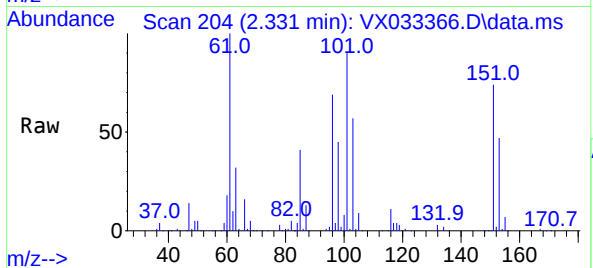




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.249 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

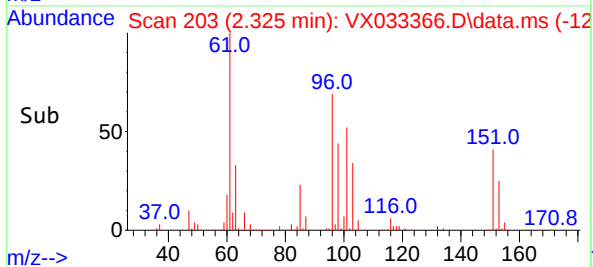
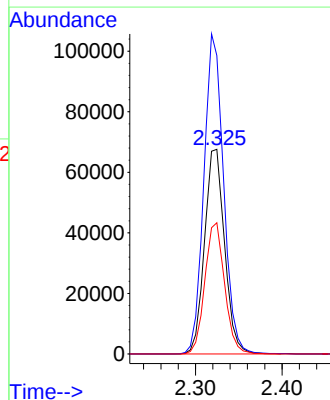
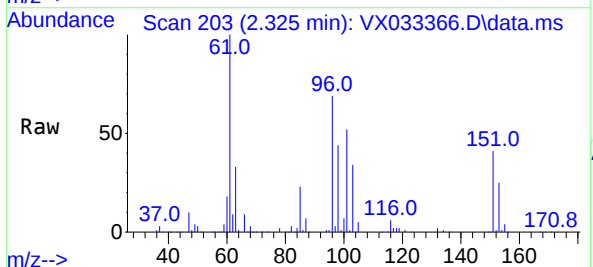
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MSVOA_X
ClientSampleId :
VSTDICC100

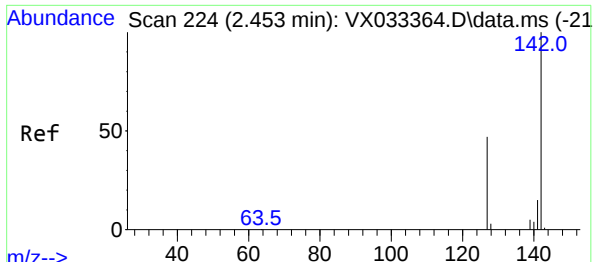
Tgt Ion:101 Resp: 112657
Ion Ratio Lower Upper
101 100
85 44.8 0.0 88.8
151 82.6 0.0 162.2



#10
1,1-Dichloroethene
Concen: 90.564 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

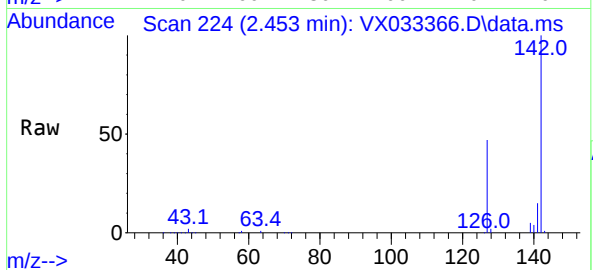
Tgt Ion: 96 Resp: 108849
Ion Ratio Lower Upper
96 100
61 145.8 120.5 180.7
98 64.2 47.8 71.6





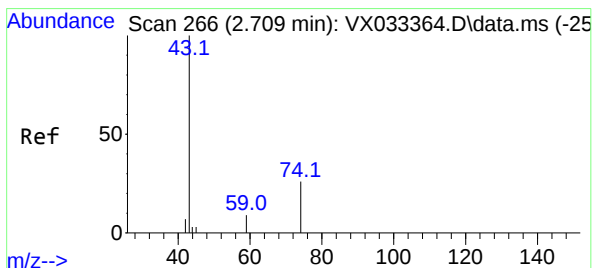
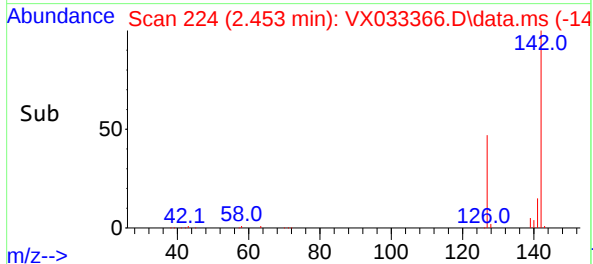
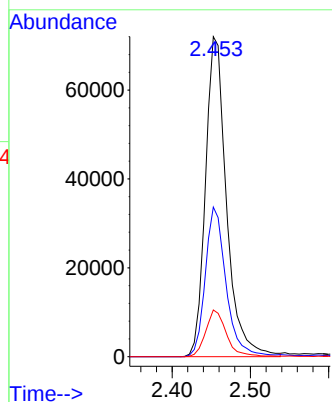
#11
Methyl Iodide
Concen: 98.407 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 134334

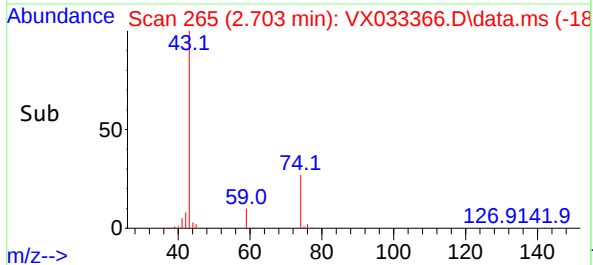
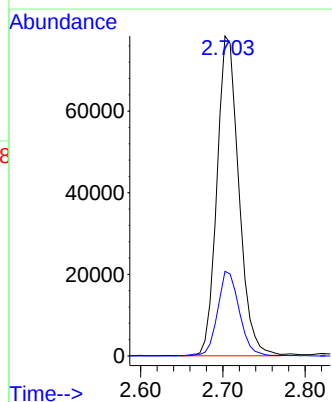
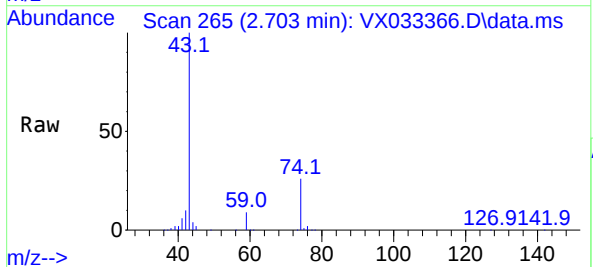
Ion	Ratio	Lower	Upper
142	100		
127	46.7	23.4	70.3
141	14.6	7.8	23.3

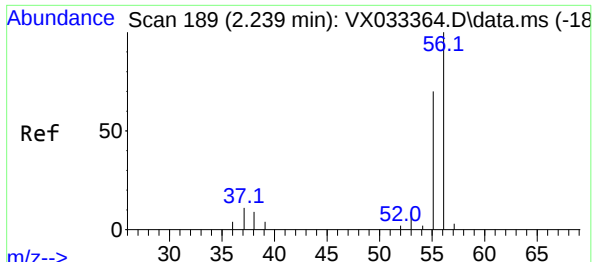


#12
Methyl Acetate
Concen: 85.478 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 43 Resp: 144879

Ion	Ratio	Lower	Upper
43	100		
74	26.4	20.6	31.0

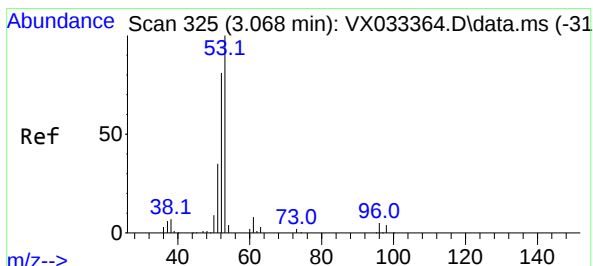
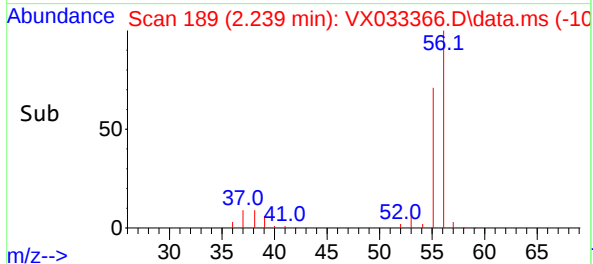
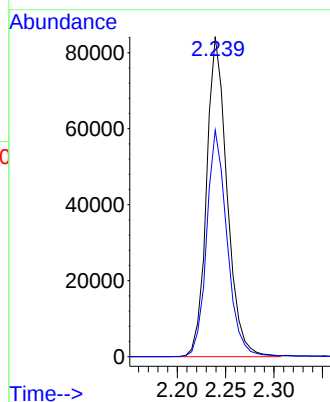
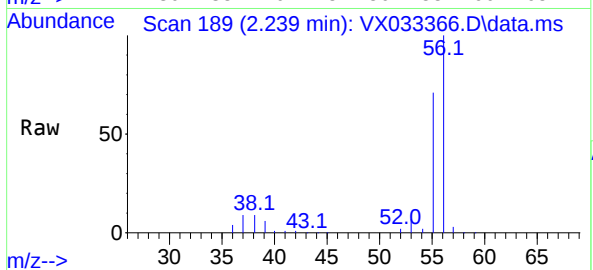




#13
Acrolein
Concen: 463.287 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

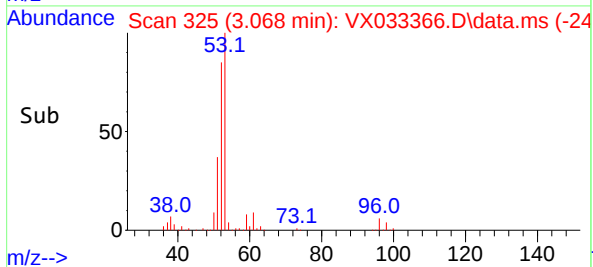
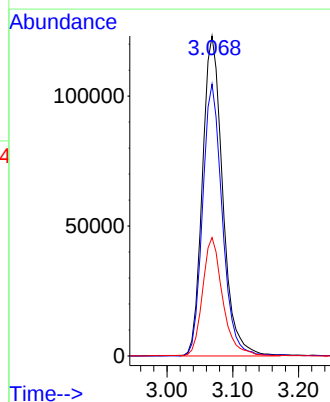
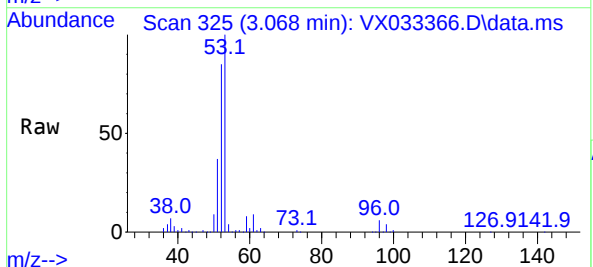
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

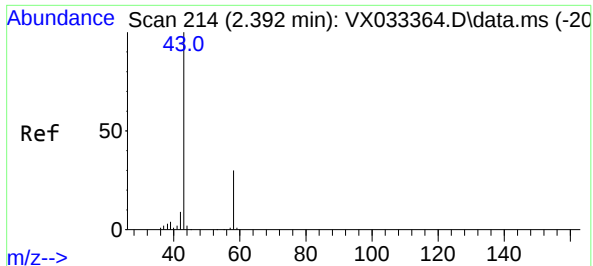
Tgt Ion: 56 Resp: 124225
Ion Ratio Lower Upper
56 100
55 70.5 57.2 85.8



#14
Acrylonitrile
Concen: 428.431 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 53 Resp: 263948
Ion Ratio Lower Upper
53 100
52 82.3 40.3 120.8
51 36.8 18.4 55.4

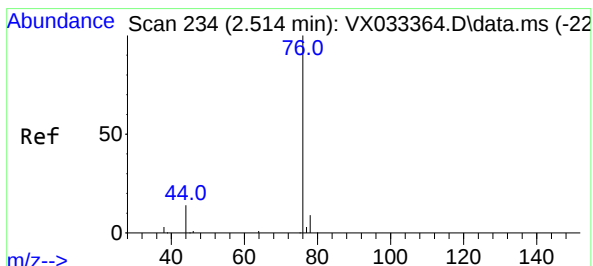
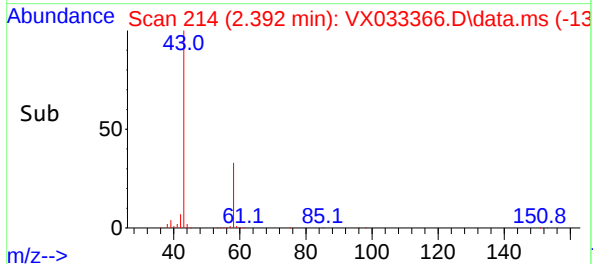
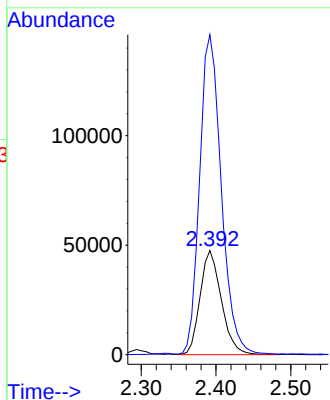
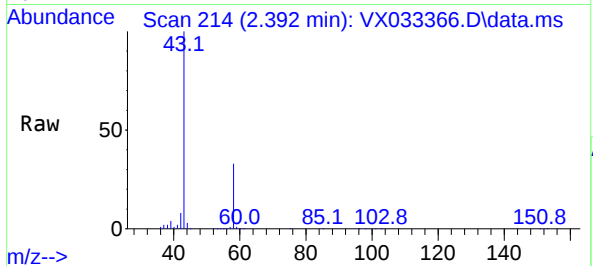




#15
Acetone
Concen: 443.892 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

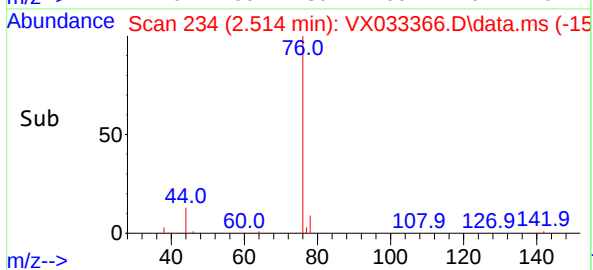
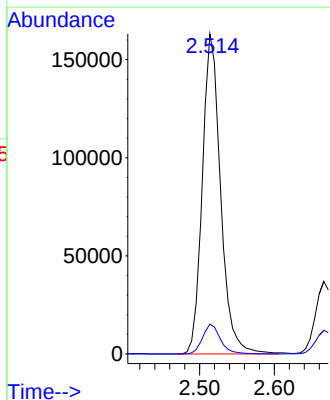
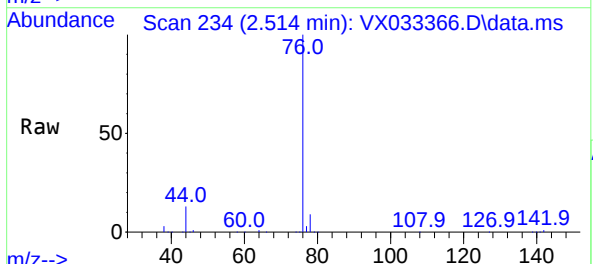
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

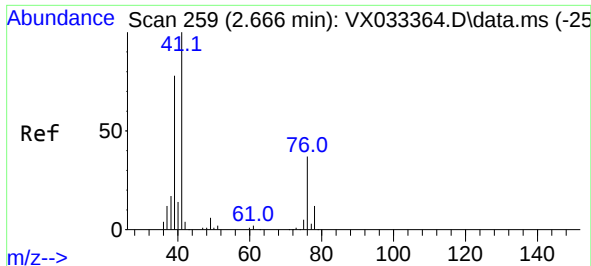
Tgt Ion: 58 Resp: 94002
Ion Ratio Lower Upper
58 100
43 307.1 262.9 394.3



#16
Carbon Disulfide
Concen: 85.565 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 76 Resp: 277061
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

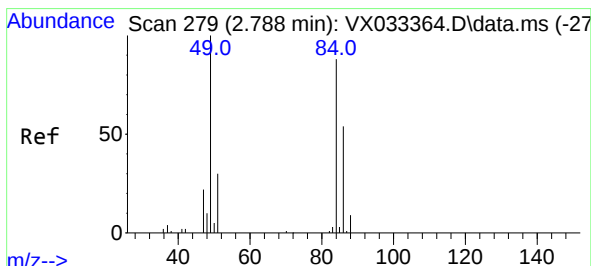
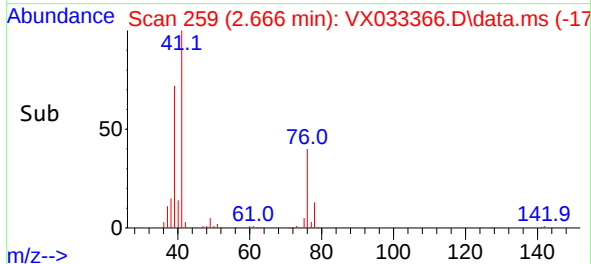
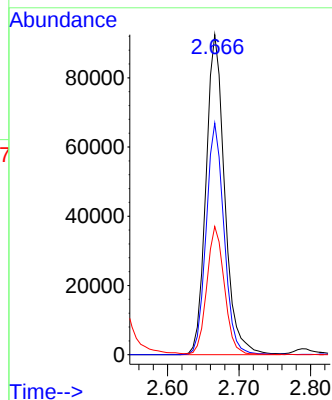
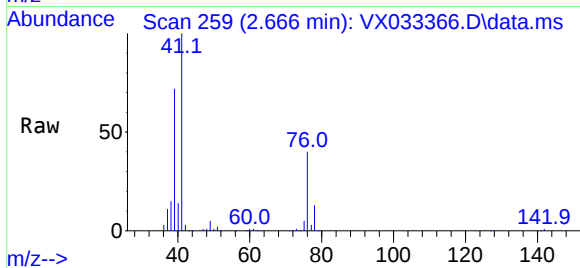




#17
 Allyl chloride
 Concen: 85.271 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033366.D
 Acq: 12 Dec 2022 11:44

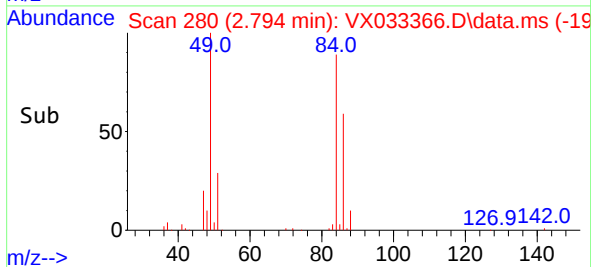
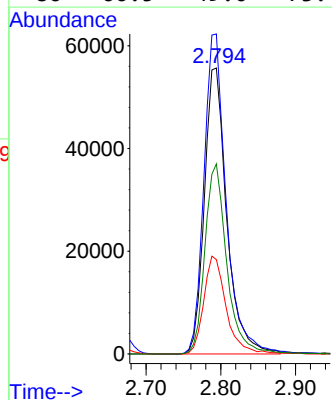
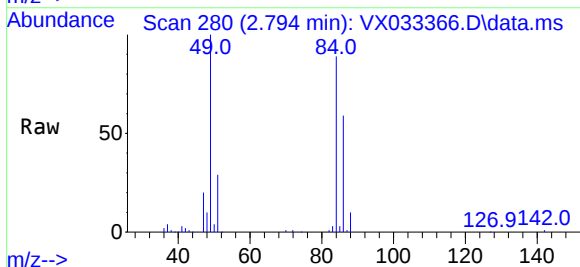
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

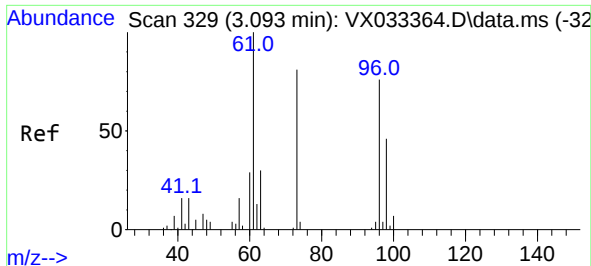
Tgt Ion: 41 Resp: 168226
 Ion Ratio Lower Upper
 41 100
 39 72.4 39.1 117.2
 76 40.0 18.6 55.8



#18
 Methylene Chloride
 Concen: 83.193 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VX033366.D
 Acq: 12 Dec 2022 11:44

Tgt Ion: 84 Resp: 116051
 Ion Ratio Lower Upper
 84 100
 49 111.9 91.2 136.8
 51 33.0 27.3 40.9
 86 66.5 49.0 73.4

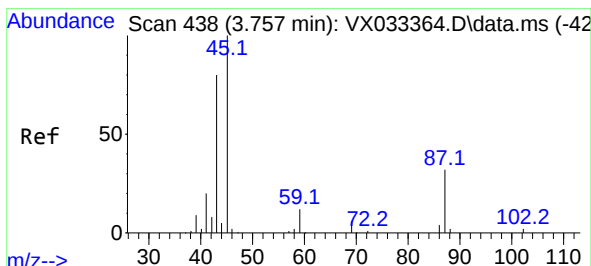
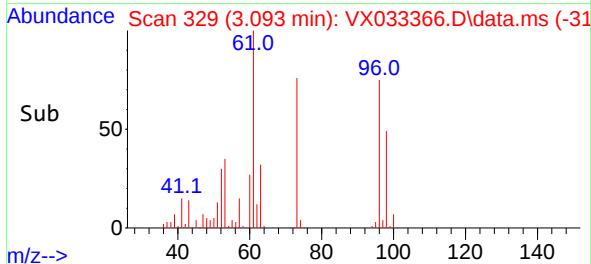
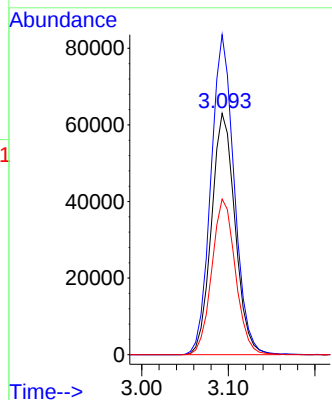
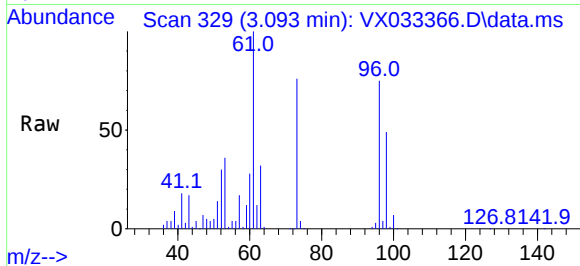




#19
trans-1,2-Dichloroethene
Concen: 85.188 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

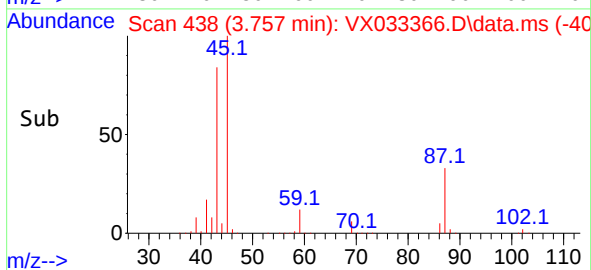
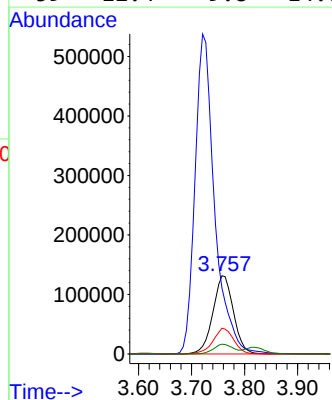
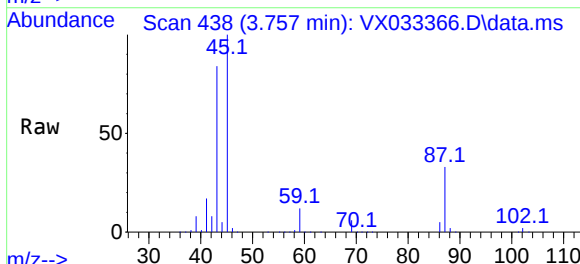
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

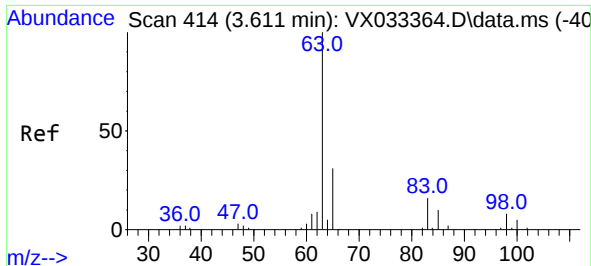
Tgt Ion: 96 Resp: 119279
Ion Ratio Lower Upper
96 100
61 132.6 105.8 158.8
98 64.5 49.1 73.7



#20
Diisopropyl ether
Concen: 85.055 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 45 Resp: 353112
Ion Ratio Lower Upper
45 100
43 83.9 68.2 102.2
87 32.9 25.5 38.3
59 12.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 84.217 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

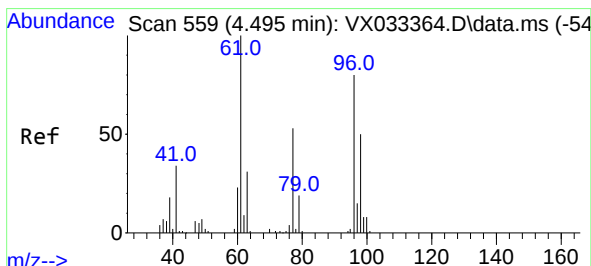
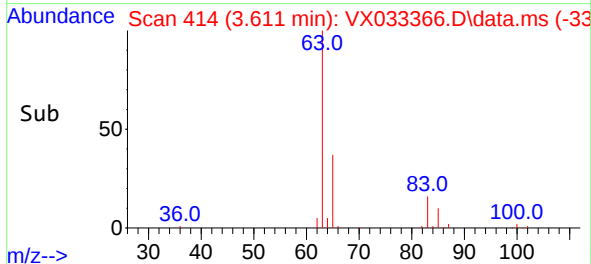
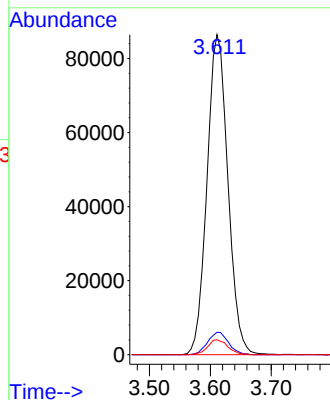
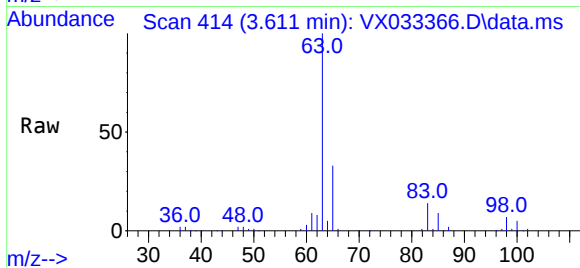
Tgt Ion: 63 Resp: 206227

Ion Ratio Lower Upper

63 100

98 7.0 4.0 11.9

100 4.7 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 86.646 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

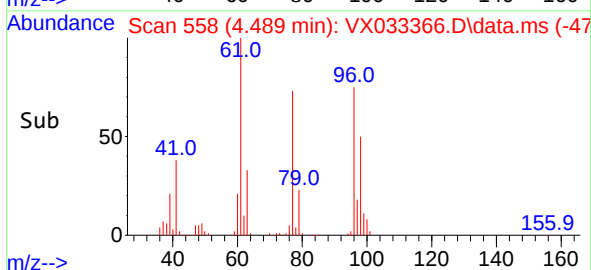
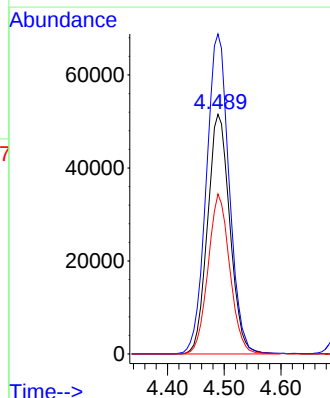
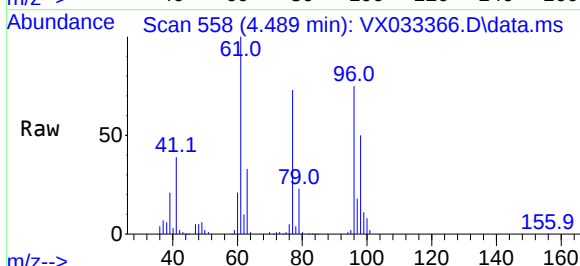
Tgt Ion: 96 Resp: 140831

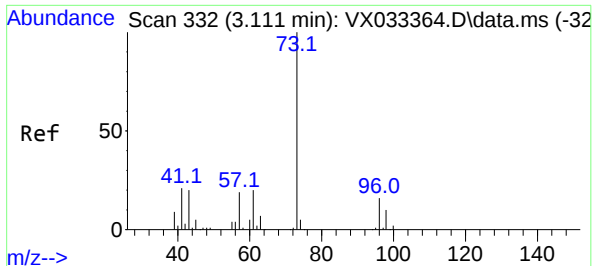
Ion Ratio Lower Upper

96 100

61 136.8 113.5 170.3

98 65.0 51.9 77.9

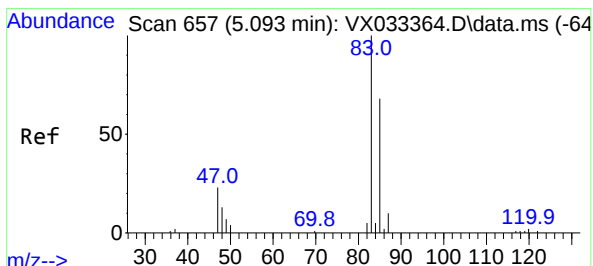
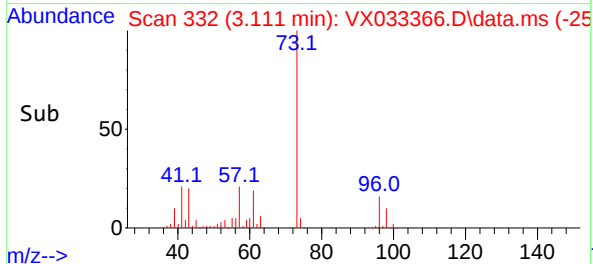
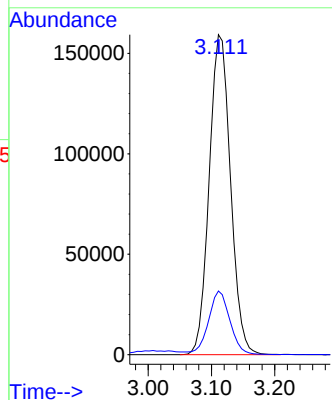
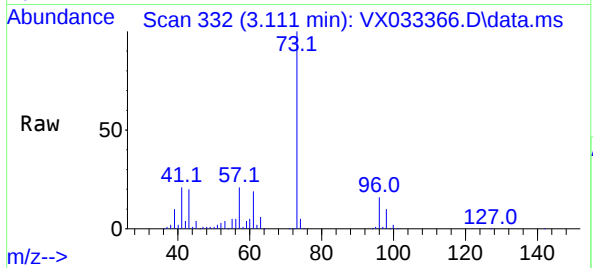




#24
Methyl tert-Butyl Ether
Concen: 85.689 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

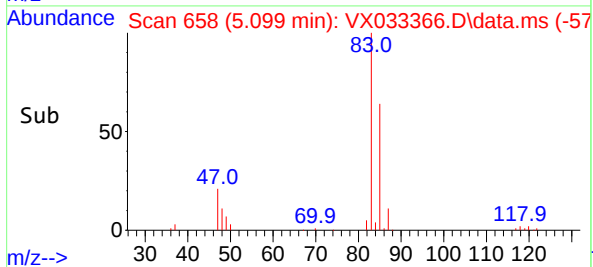
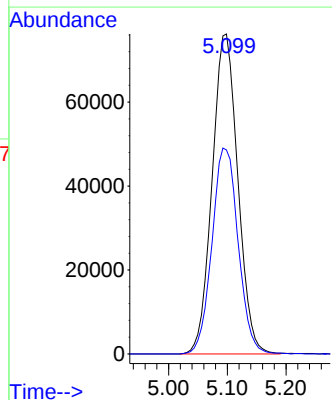
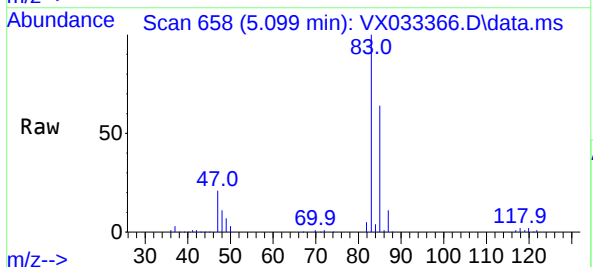
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

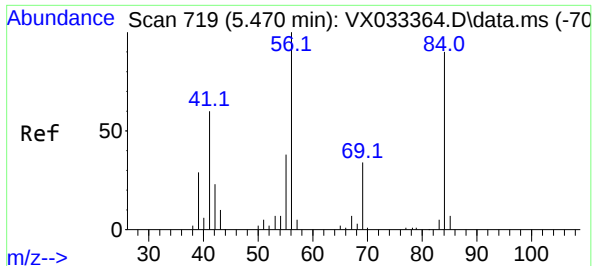
Tgt Ion: 73 Resp: 372667
Ion Ratio Lower Upper
73 100
43 19.9 16.8 25.2



#25
Chloroform
Concen: 83.208 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 83 Resp: 231863
Ion Ratio Lower Upper
83 100
85 63.8 54.2 81.2

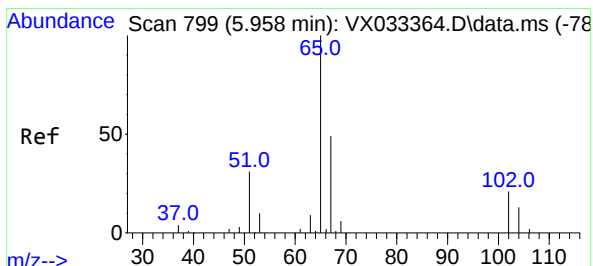
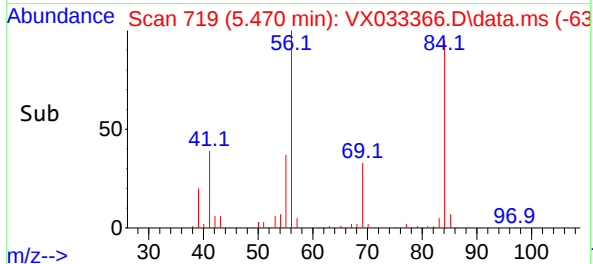
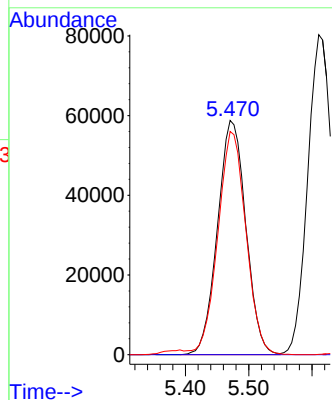
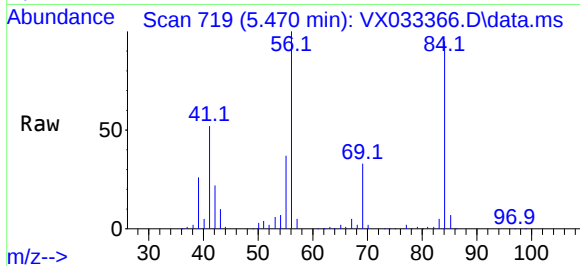




#26
Cyclohexane
Concen: 85.241 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

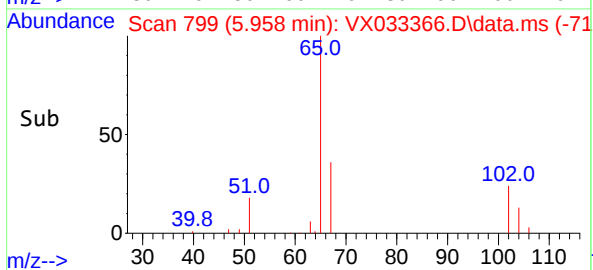
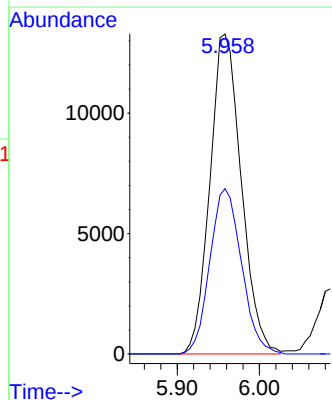
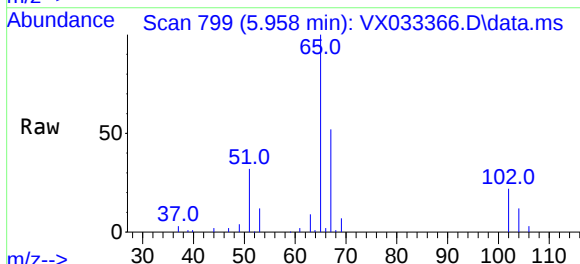
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

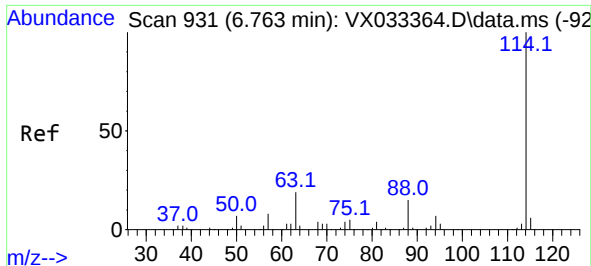
Tgt Ion: 56 Resp: 182566
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 74.7 112.1



#27
1,2-Dichloroethane-d4
Concen: 28.786 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 65 Resp: 35260
Ion Ratio Lower Upper
65 100
67 52.1 39.8 59.8

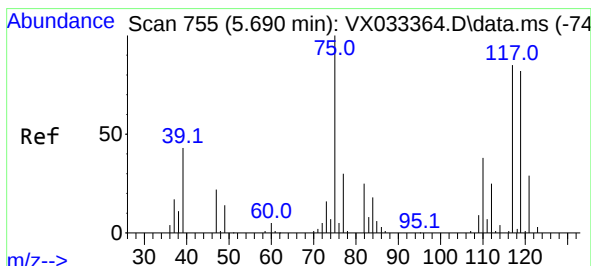
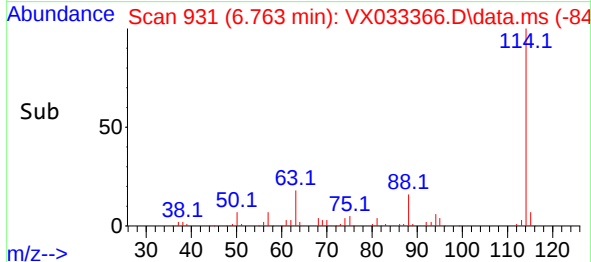
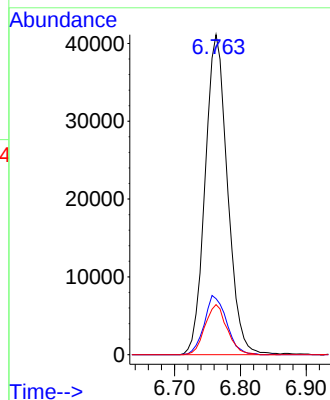
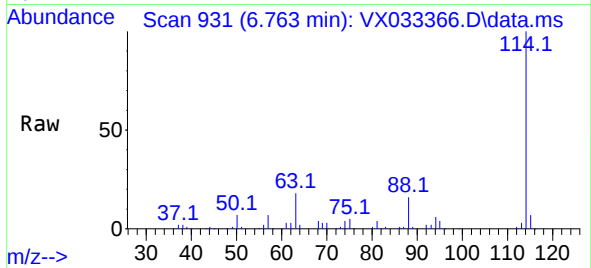




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

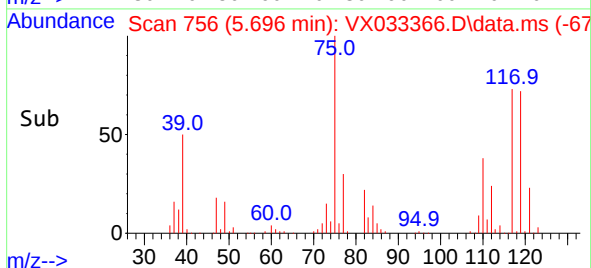
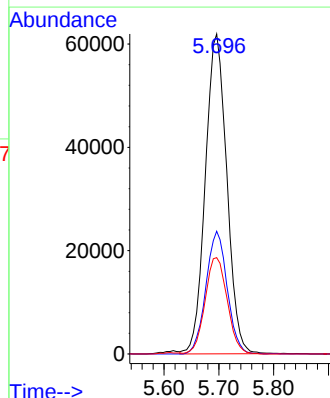
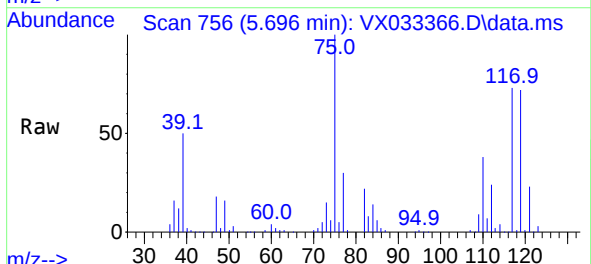
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

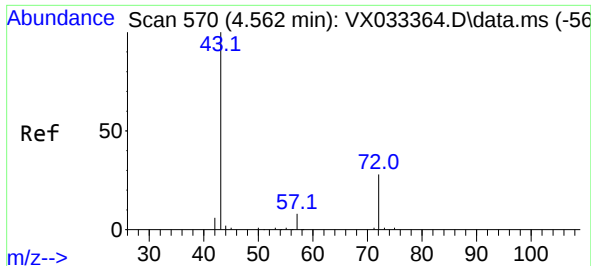
Tgt Ion:114 Resp: 97328
Ion Ratio Lower Upper
114 100
63 18.4 15.2 22.8
88 15.4 12.2 18.4



#29
1,1-Dichloropropene
Concen: 85.534 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 75 Resp: 168254
Ion Ratio Lower Upper
75 100
110 37.9 0.0 73.6
77 31.2 0.0 62.0

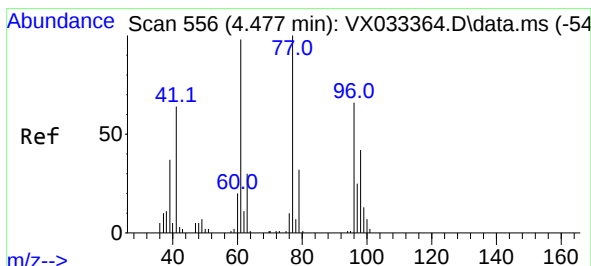
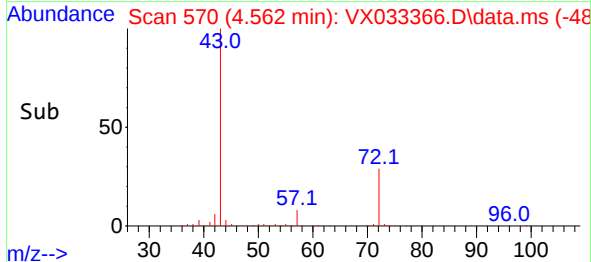
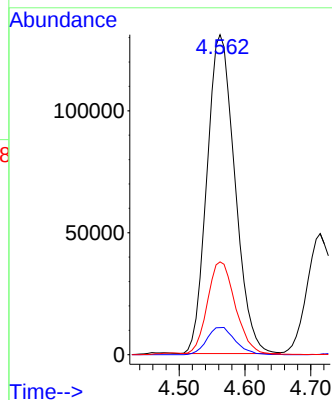
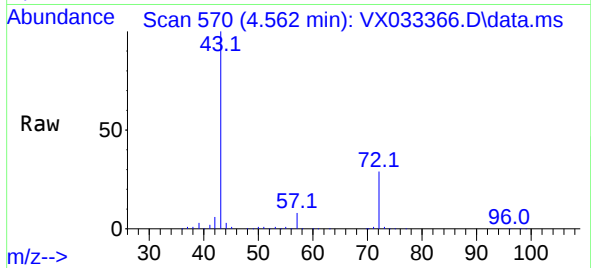




#30
2-Butanone
Concen: 420.392 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

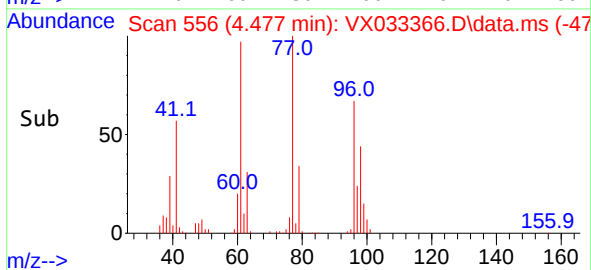
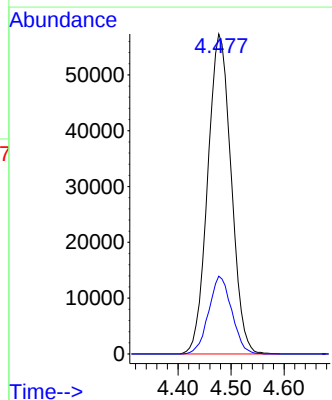
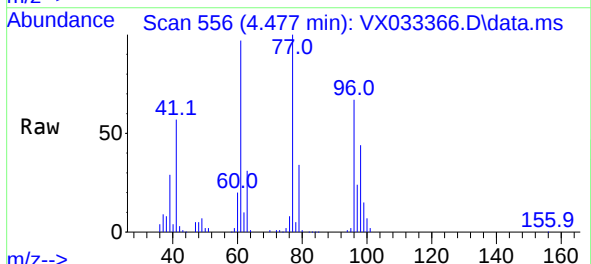
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

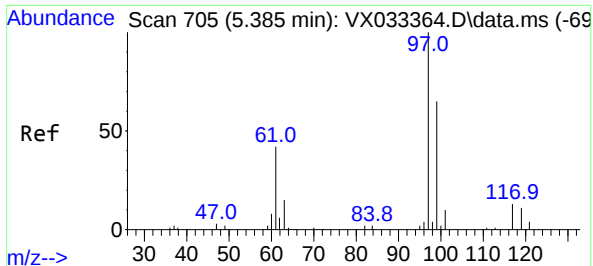
Tgt Ion: 43 Resp: 386567
Ion Ratio Lower Upper
43 100
57 8.7 6.6 9.8
72 29.1 22.5 33.7



#31
2,2-Dichloropropane
Concen: 85.123 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 77 Resp: 175974
Ion Ratio Lower Upper
77 100
97 23.9 18.1 27.1

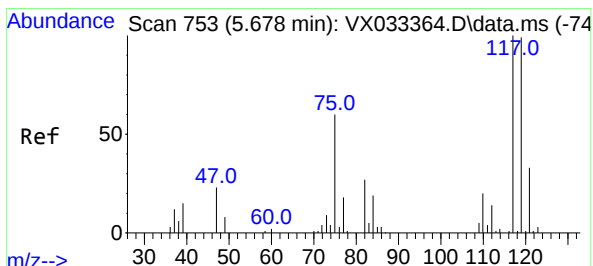
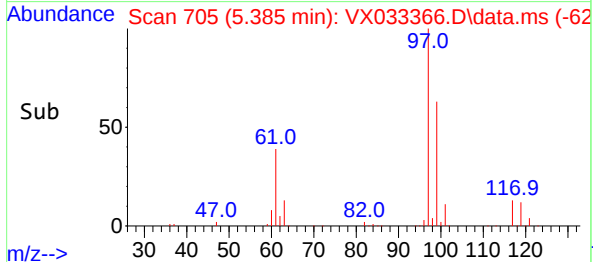
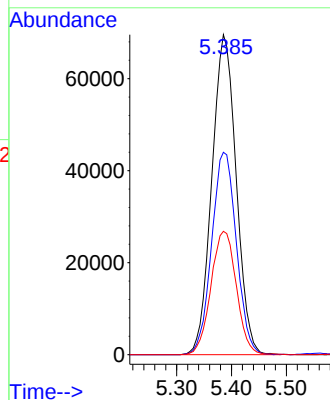
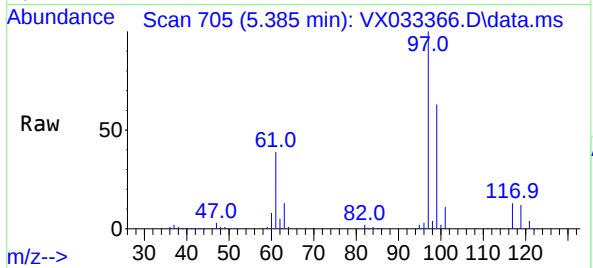




#32
1,1,1-Trichloroethane
Concen: 84.455 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

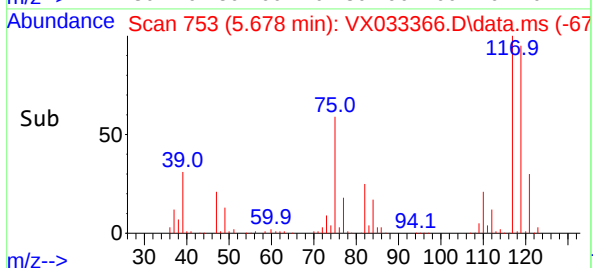
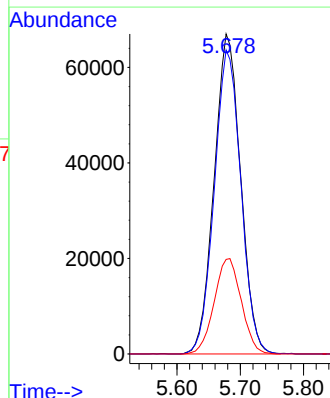
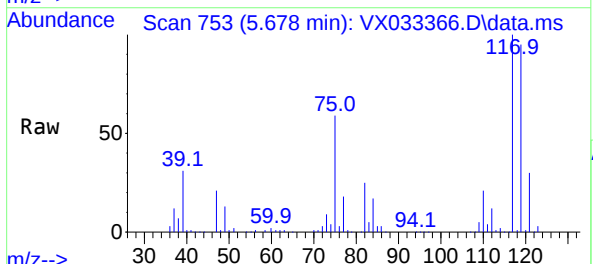
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

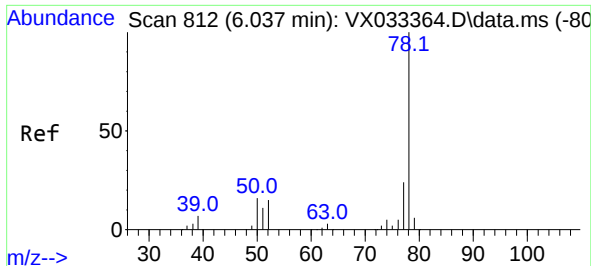
Tgt Ion: 97 Resp: 214457
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 40.2 34.3 51.5



#33
Carbon Tetrachloride
Concen: 83.764 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 117 Resp: 194499
Ion Ratio Lower Upper
117 100
119 95.0 79.5 119.3
121 29.5 26.2 39.2

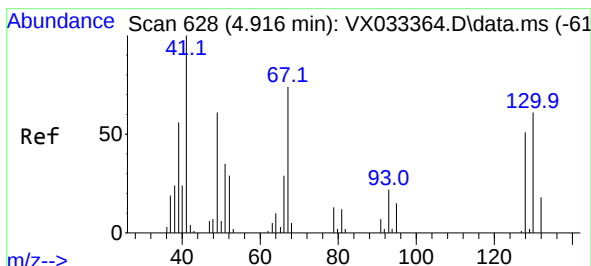
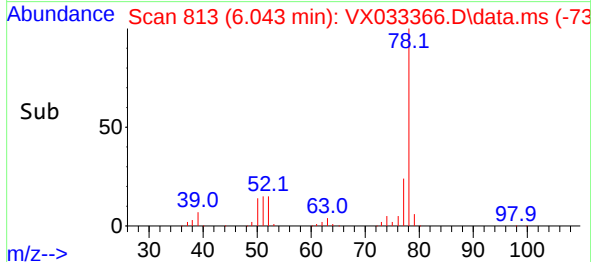
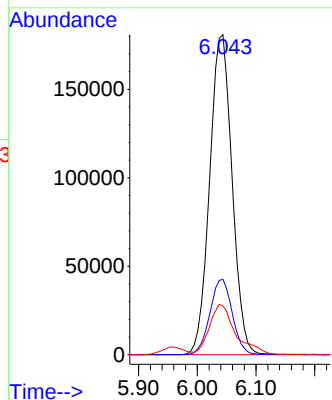
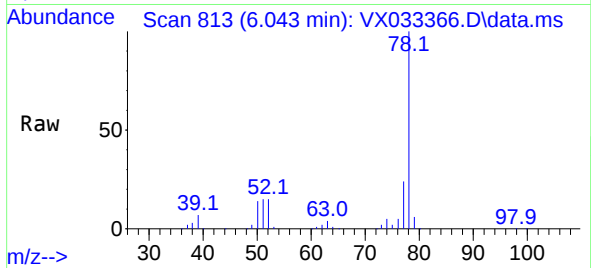




#34
Benzene
Concen: 85.193 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

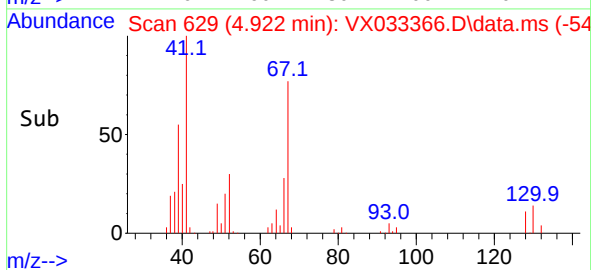
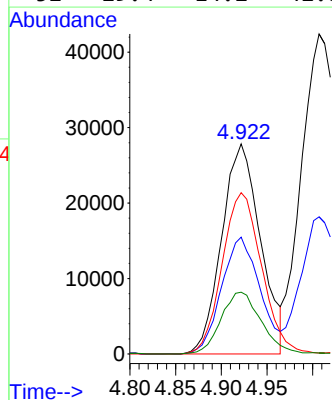
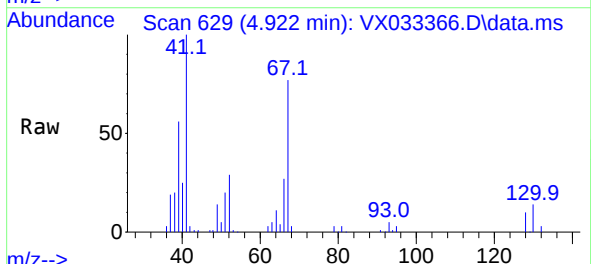
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

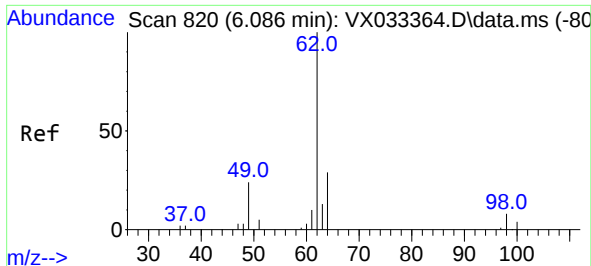
Tgt Ion: 78 Resp: 480250
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8
51 15.1 12.6 18.8



#35
Methacrylonitrile
Concen: 87.349 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 41 Resp: 82314
Ion Ratio Lower Upper
41 100
39 55.6 27.8 83.3
67 76.7 37.0 110.9
52 29.4 14.2 42.8

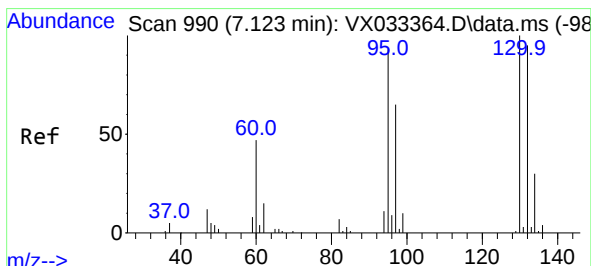
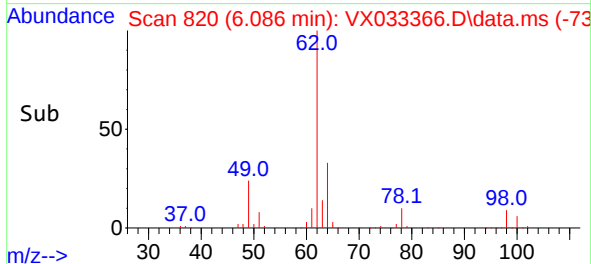
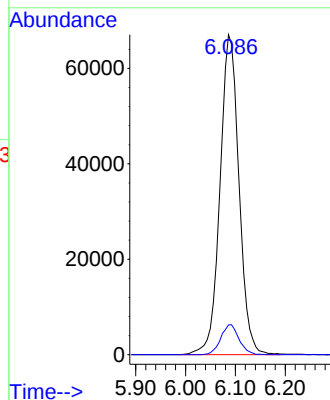
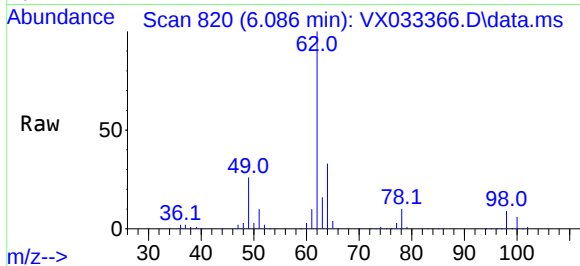




#36
1,2-Dichloroethane
Concen: 81.934 ug/l
RT: 6.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

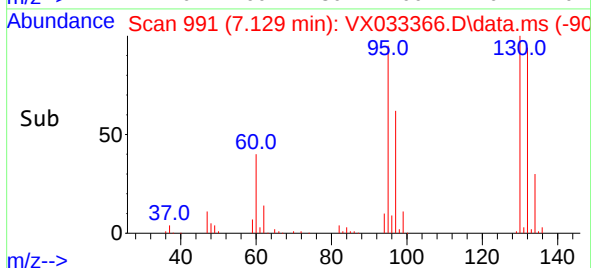
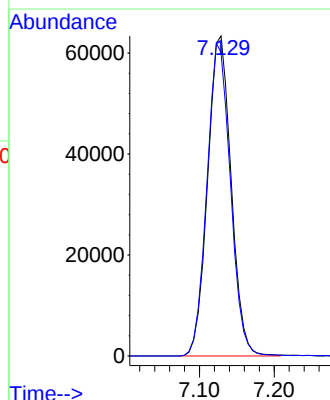
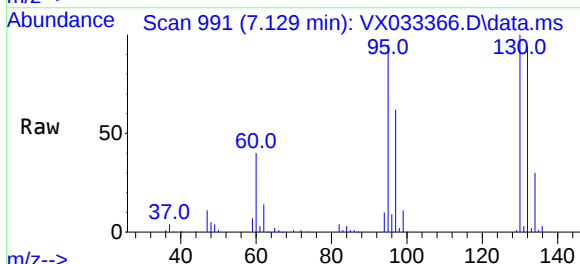
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

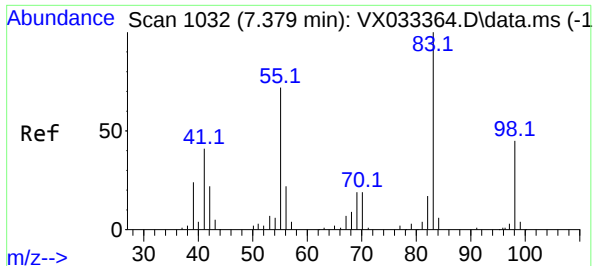
Tgt Ion: 62 Resp: 177538
Ion Ratio Lower Upper
62 100
98 9.0 6.4 9.6



#37
Trichloroethene
Concen: 86.449 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:130 Resp: 138376
Ion Ratio Lower Upper
130 100
95 94.9 74.6 112.0

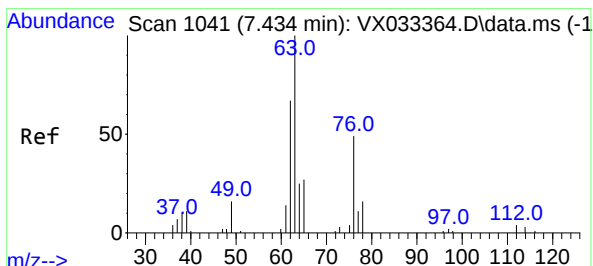
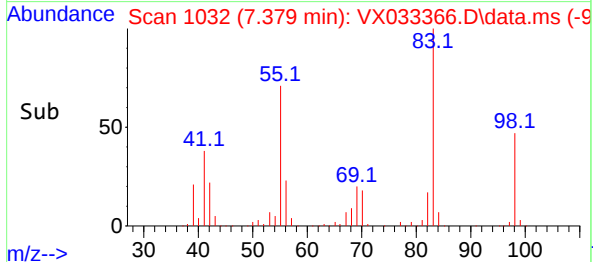
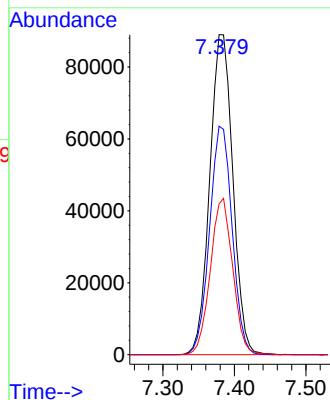
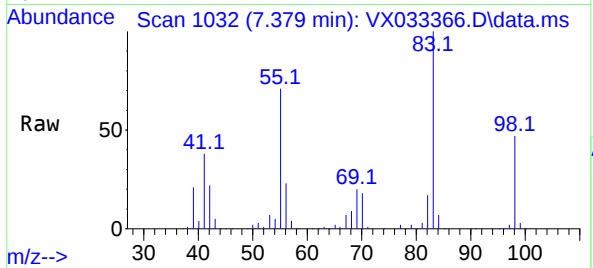




#38
Methylcyclohexane
Concen: 86.137 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

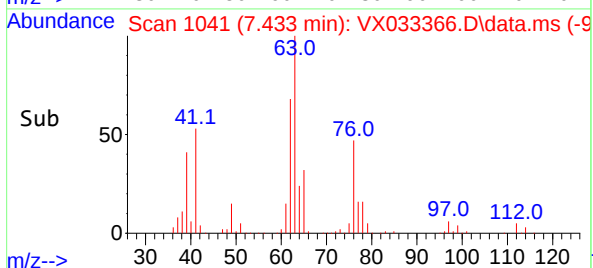
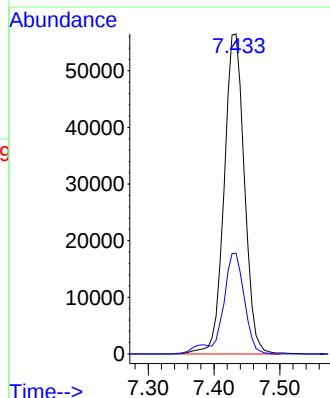
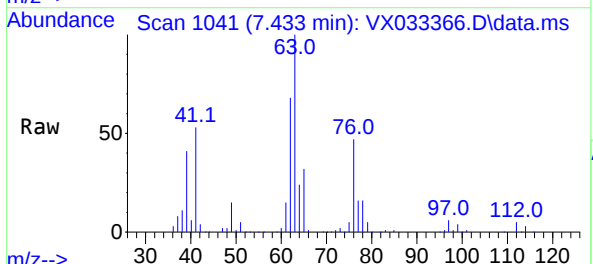
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

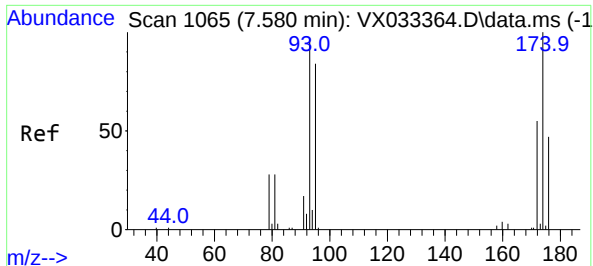
Tgt Ion: 83 Resp: 199656
Ion Ratio Lower Upper
83 100
55 69.8 36.2 108.6
98 47.4 23.4 70.2



#39
1,2-Dichloropropane
Concen: 86.191 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 63 Resp: 121153
Ion Ratio Lower Upper
63 100
65 31.5 24.5 36.7

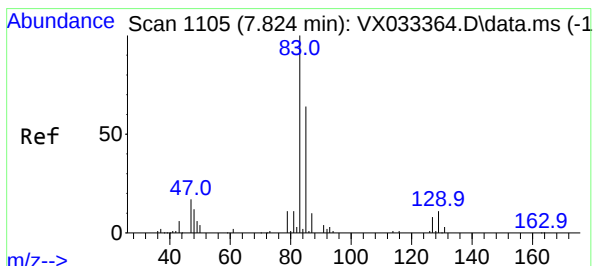
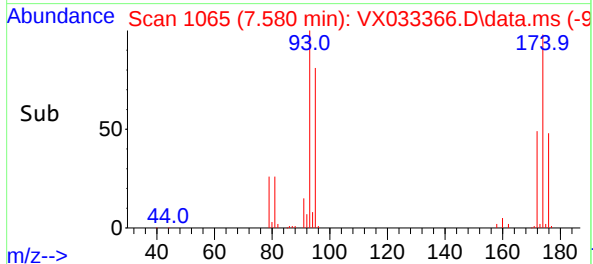
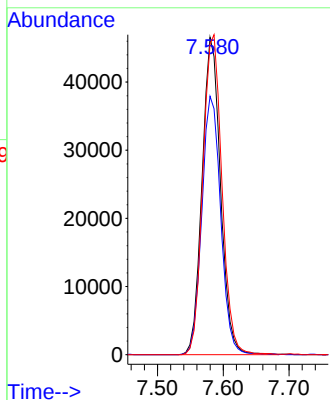
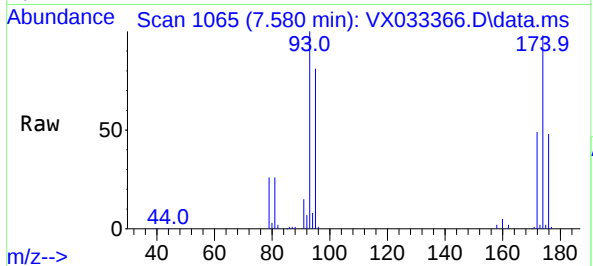




#40
Dibromomethane
Concen: 84.552 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

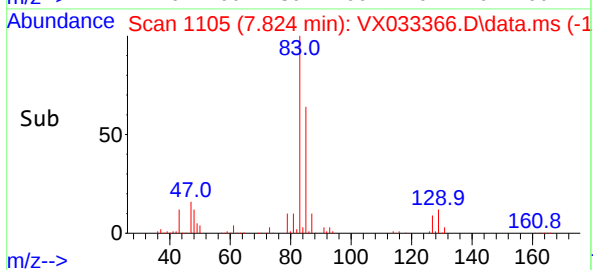
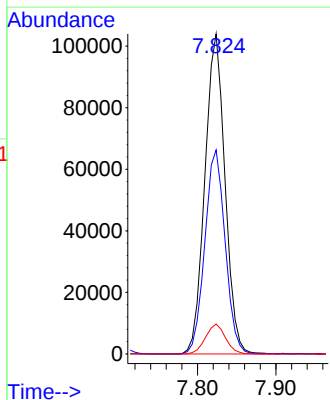
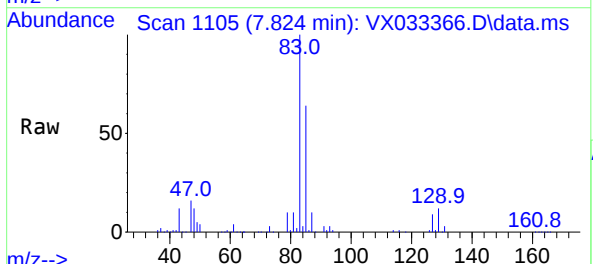
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

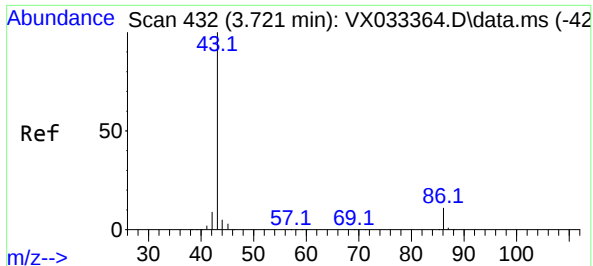
Tgt Ion: 93 Resp: 90937
Ion Ratio Lower Upper
93 100
95 83.2 0.0 170.2
174 103.7 0.0 206.8



#41
Bromodichloromethane
Concen: 84.183 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 83 Resp: 185535
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 9.3 6.8 10.2





#42

Vinyl Acetate

Concen: 435.132 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

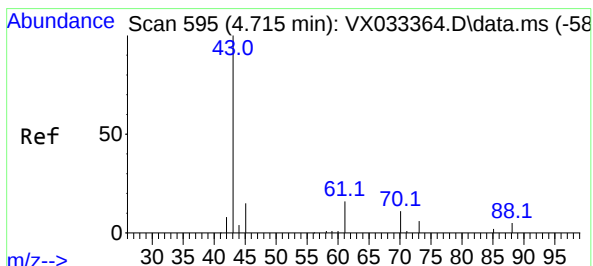
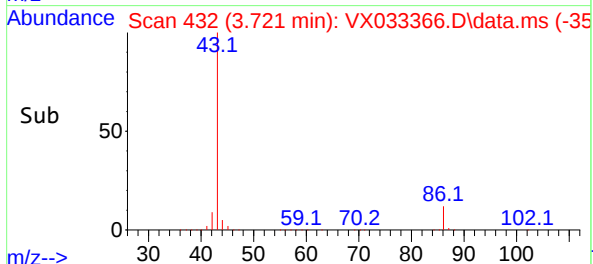
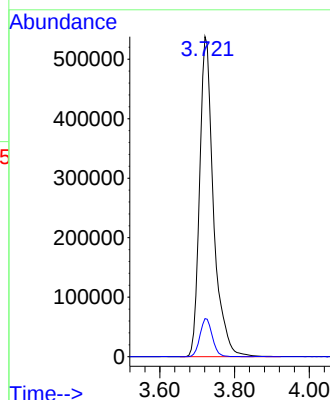
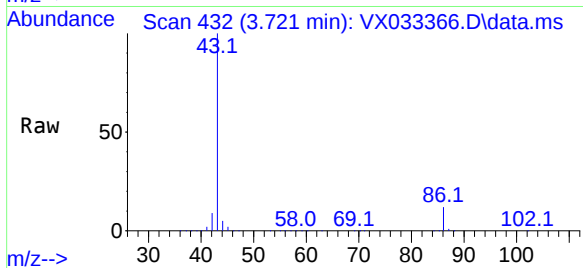
VSTDICC100

Tgt Ion: 43 Resp: 1385277

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#43

Ethyl Acetate

Concen: 87.170 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033366.D

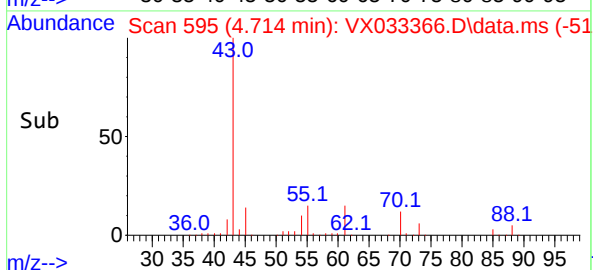
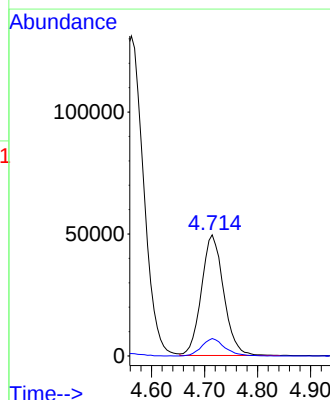
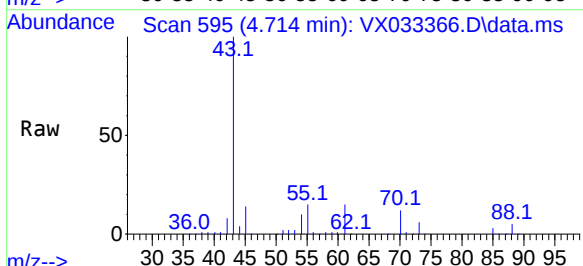
Acq: 12 Dec 2022 11:44

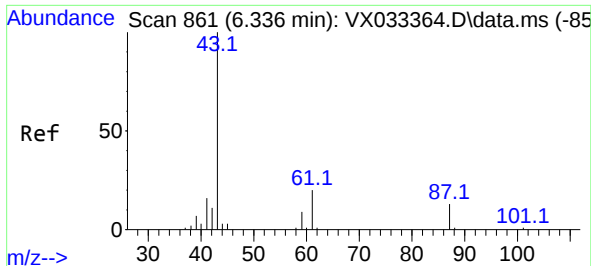
Tgt Ion: 43 Resp: 144123

Ion Ratio Lower Upper

43 100

45 15.0 12.0 18.0

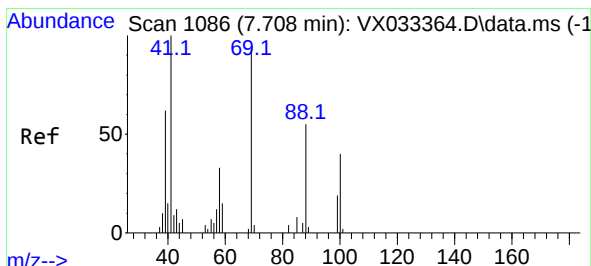
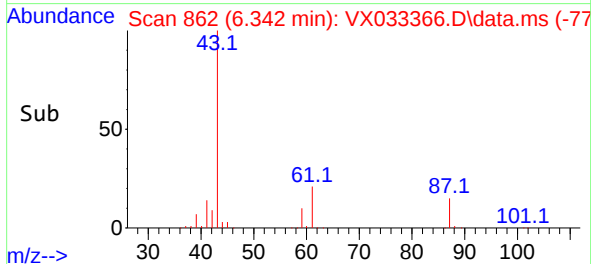
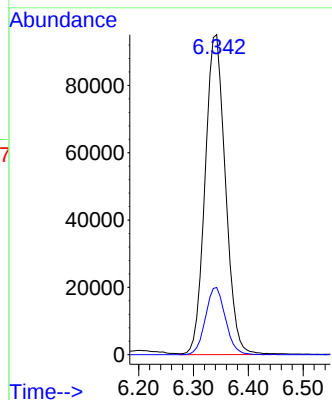
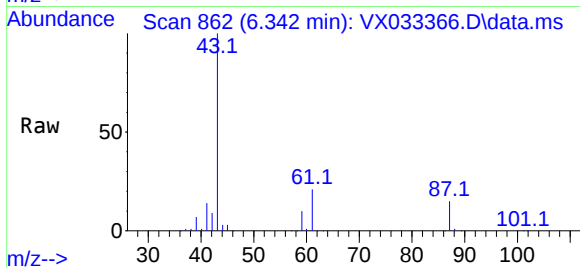




#44
Isopropyl Acetate
Concen: 87.208 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

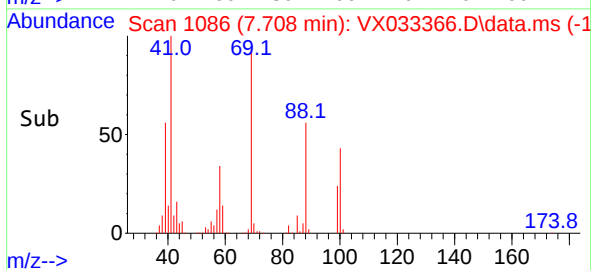
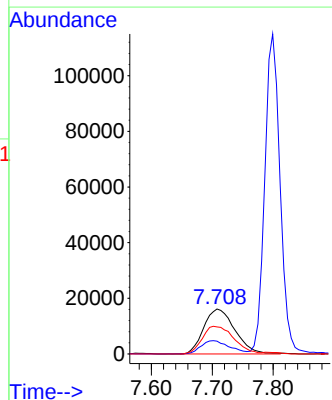
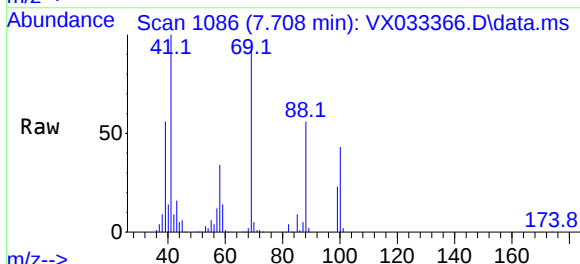
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

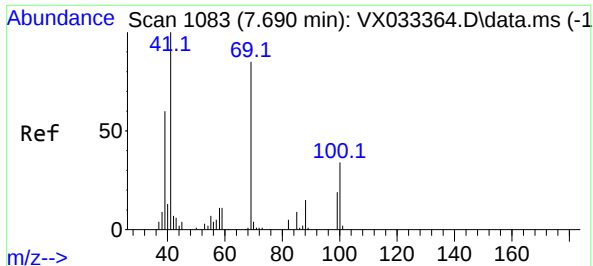
Tgt Ion: 43 Resp: 244770
Ion Ratio Lower Upper
43 100
61 20.6 15.7 23.5



#45
1,4-Dioxane
Concen: 1747.755 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 88 Resp: 57456
Ion Ratio Lower Upper
88 100
43 26.6 12.4 18.6#
58 62.0 51.1 76.7

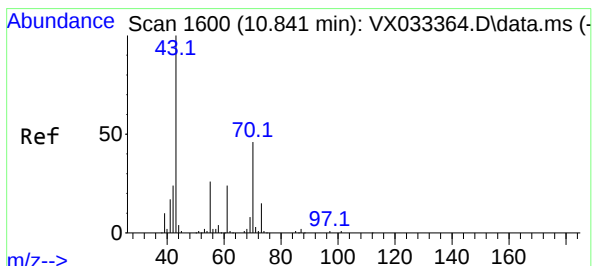
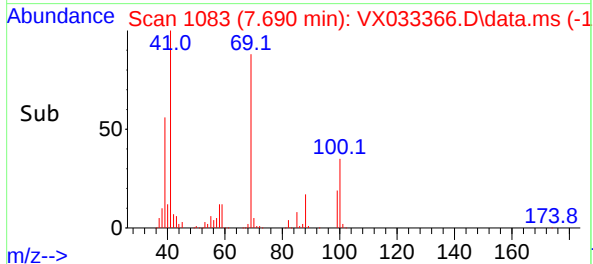
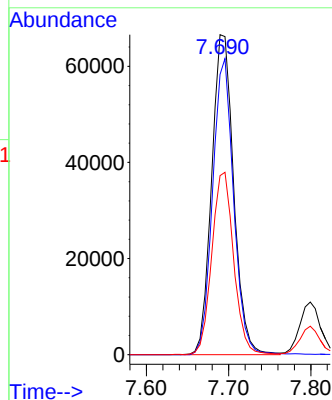
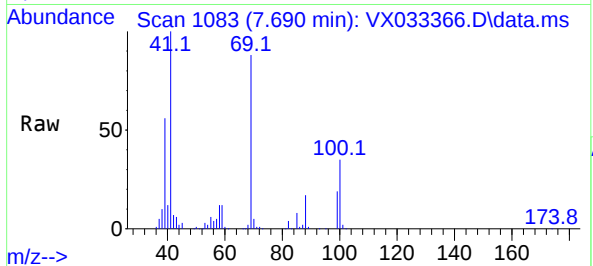




#46
Methyl methacrylate
Concen: 88.593 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

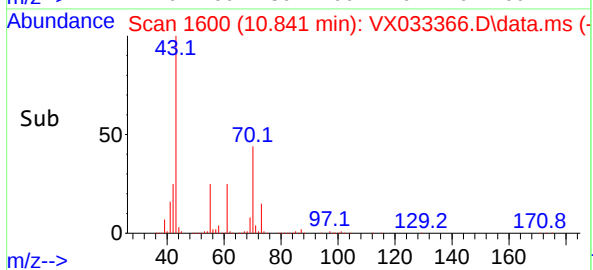
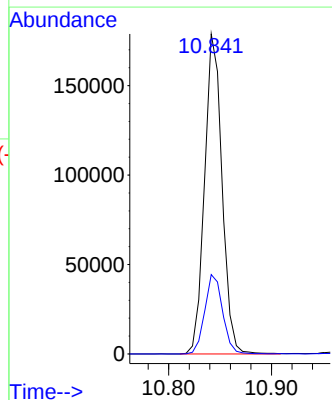
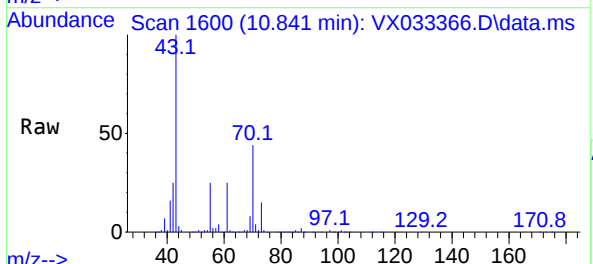
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

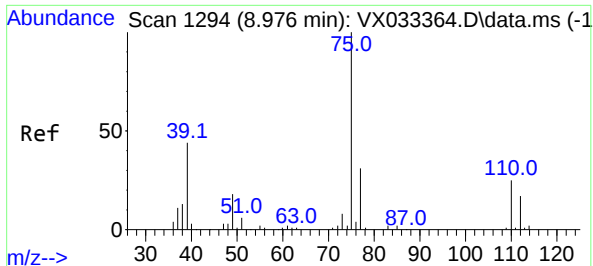
Tgt Ion: 41 Resp: 123861
Ion Ratio Lower Upper
41 100
69 87.6 42.3 126.9
39 55.9 30.1 90.5



#47
n-amy1 Acetate
Concen: 90.026 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 43 Resp: 212050
Ion Ratio Lower Upper
43 100
55 25.4 20.6 30.8





#48

t-1,3-Dichloropropene

Concen: 88.912 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

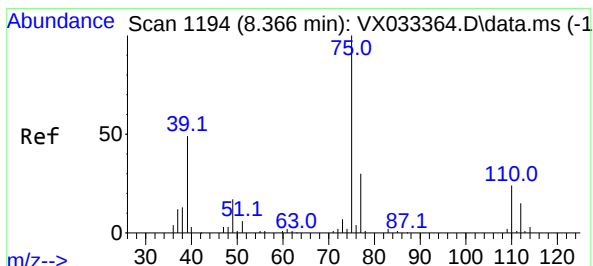
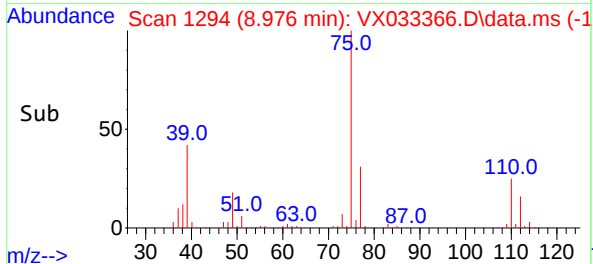
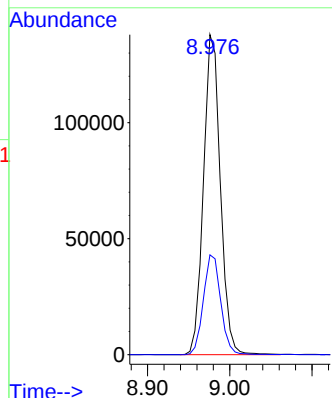
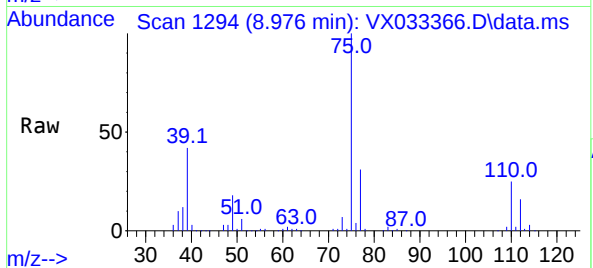
VSTDIC100

Tgt Ion: 75 Resp: 196556

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#49

cis-1,3-Dichloropropene

Concen: 88.520 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

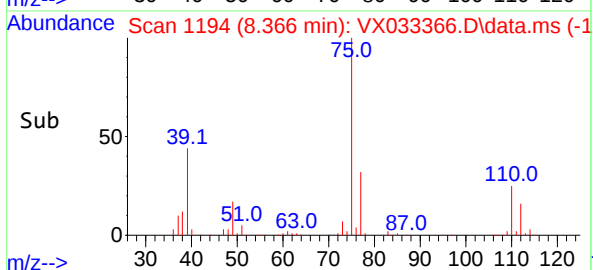
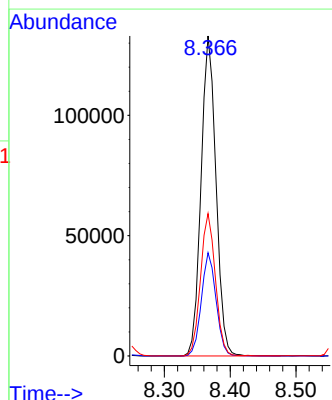
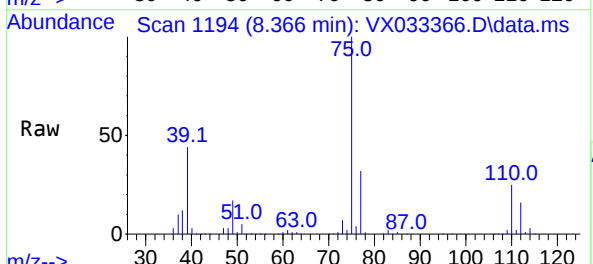
Tgt Ion: 75 Resp: 210037

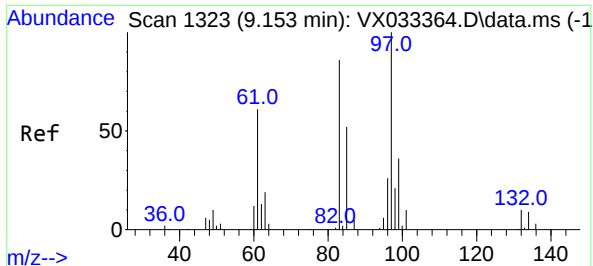
Ion Ratio Lower Upper

75 100

77 32.2 24.2 36.4

39 44.5 39.3 58.9



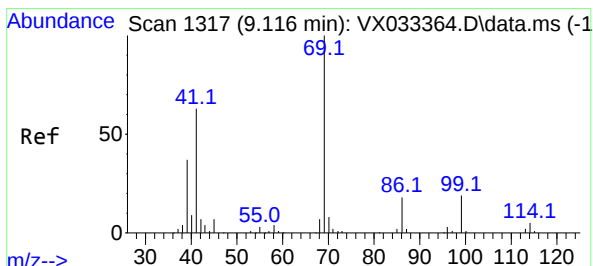
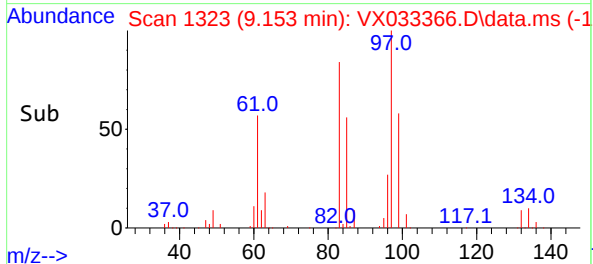
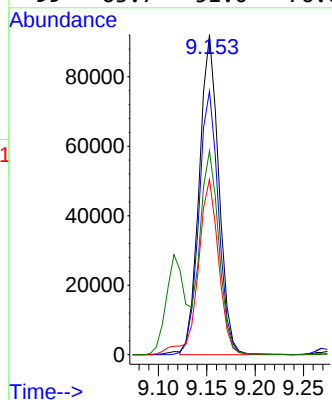
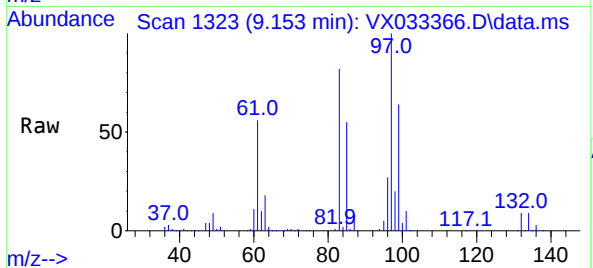


#50
1,1,2-Trichloroethane
Concen: 87.344 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 129907

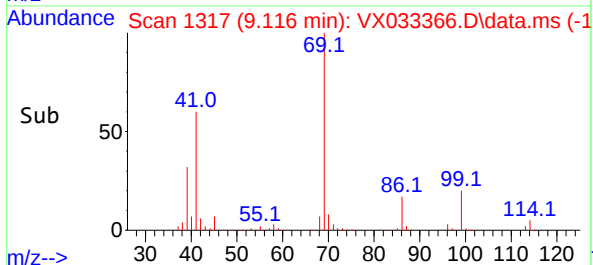
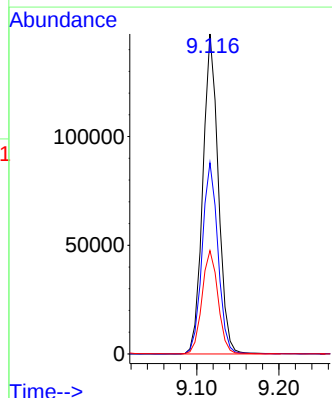
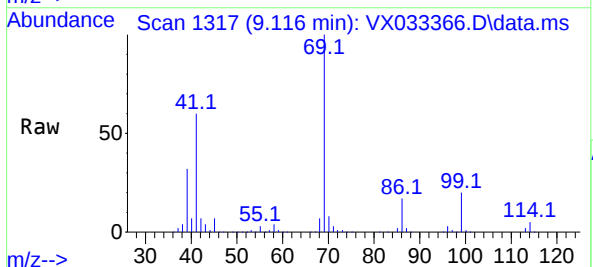
Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.1	102.1
85	54.8	43.8	65.6
99	63.7	51.0	76.6

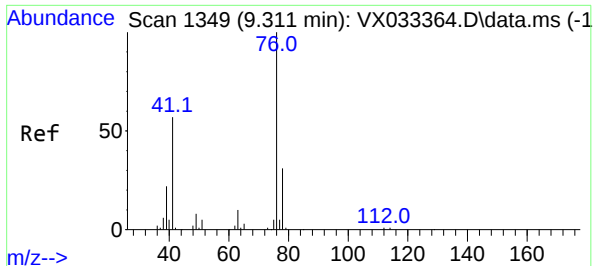


#51
Ethyl methacrylate
Concen: 90.332 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 69 Resp: 191965

Ion	Ratio	Lower	Upper
69	100		
41	59.7	31.4	94.2
39	32.2	18.4	55.2

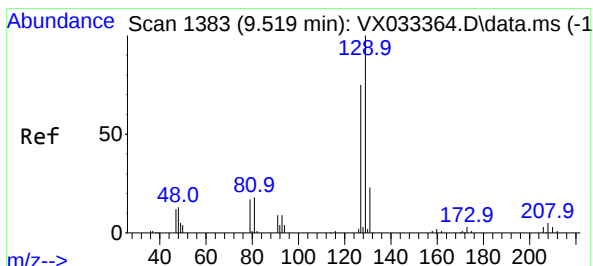
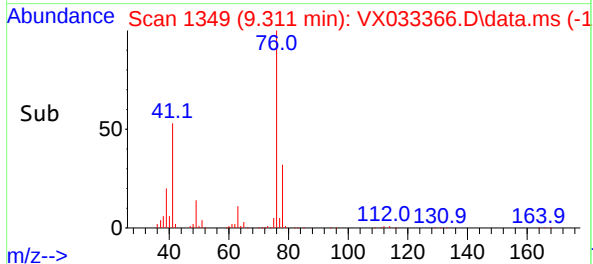
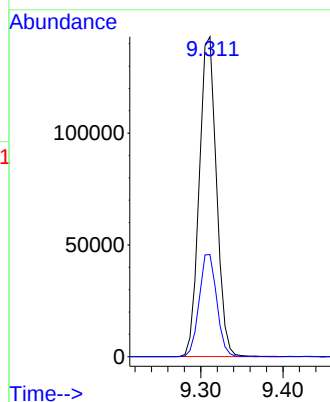
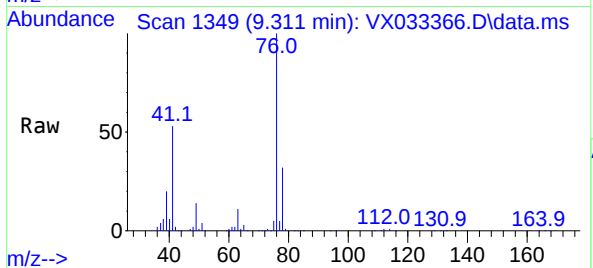




#52
1,3-Dichloropropane
Concen: 85.635 ug/l
RT: 9.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

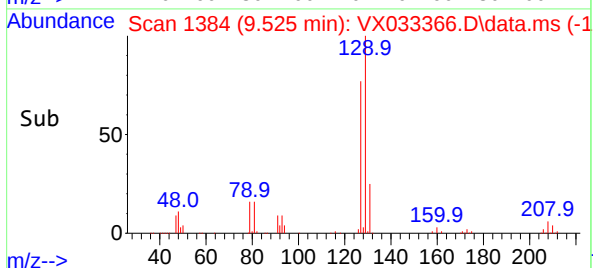
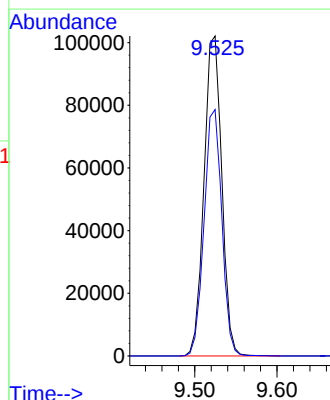
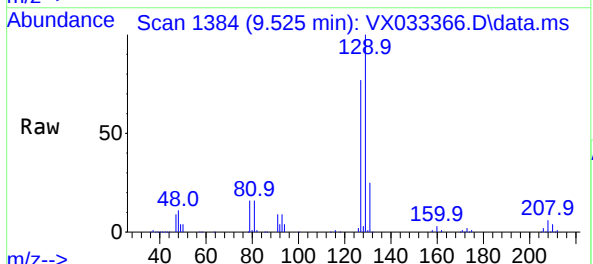
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

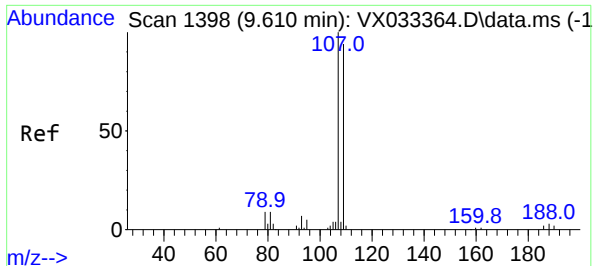
Tgt Ion: 76 Resp: 207981
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.4



#53
Dibromochloromethane
Concen: 85.790 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 129 Resp: 153343
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





#54

1,2-Dibromoethane

Concen: 87.587 ug/l

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

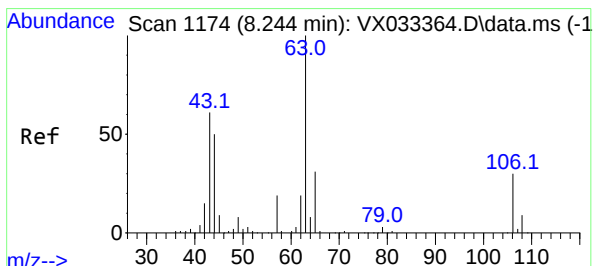
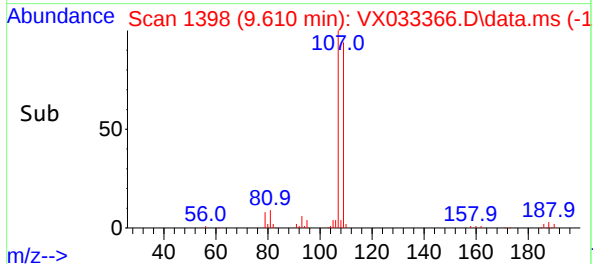
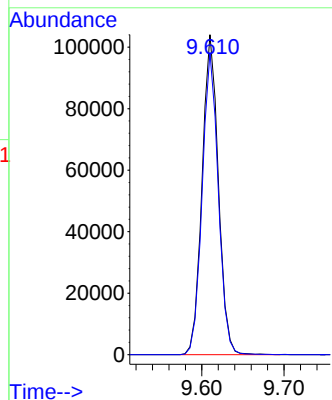
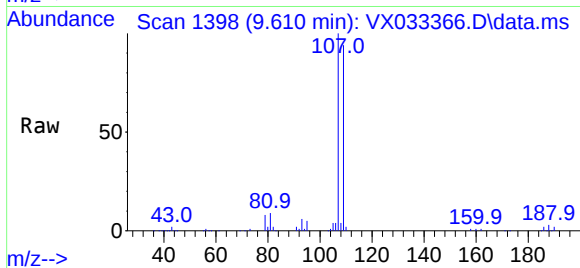
VSTDICC100

Tgt Ion:107 Resp: 142595

Ion Ratio Lower Upper

107 100

109 93.4 74.2 111.2



#55

2-Chloroethyl vinyl ether

Concen: 441.467 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

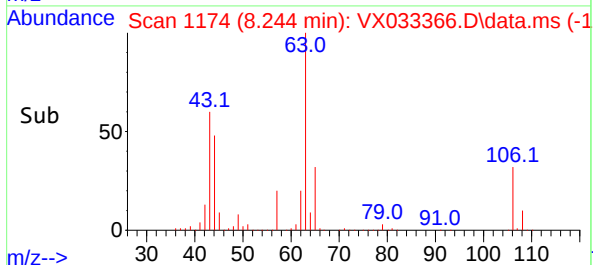
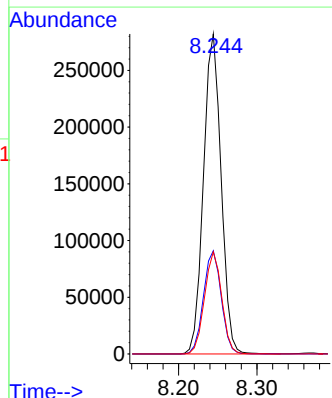
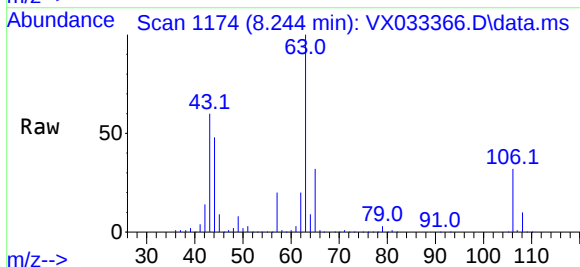
Tgt Ion: 63 Resp: 440481

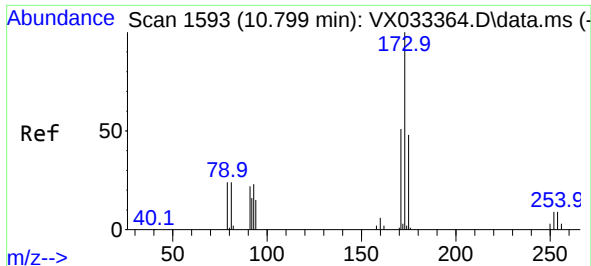
Ion Ratio Lower Upper

63 100

65 32.4 25.8 38.8

106 31.2 24.2 36.4

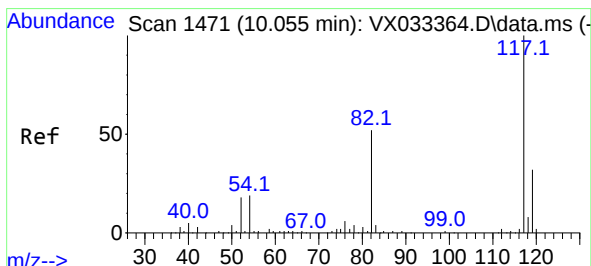
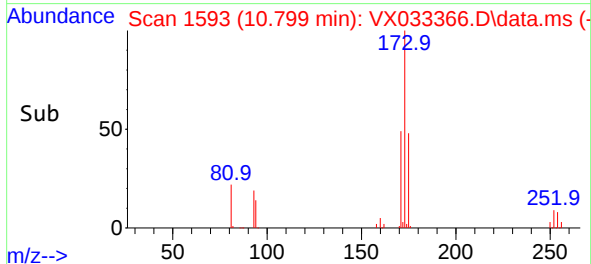
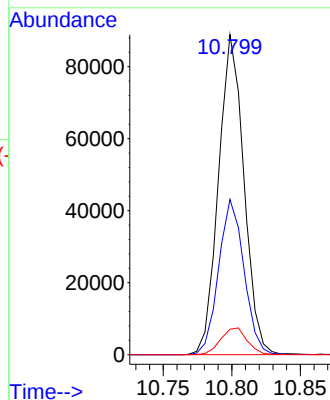
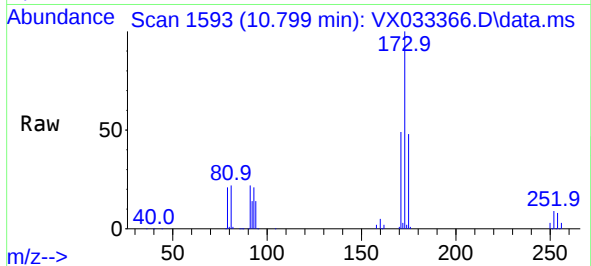




#56
Bromoform
Concen: 88.671 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

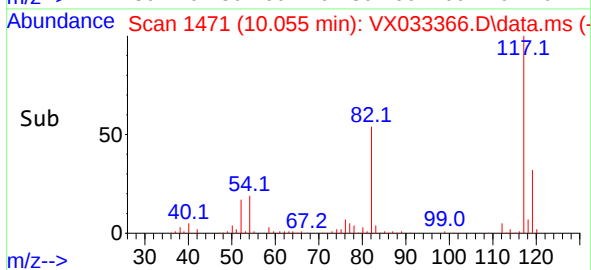
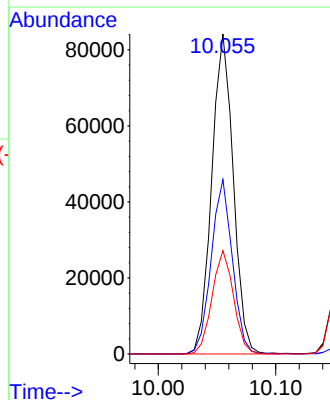
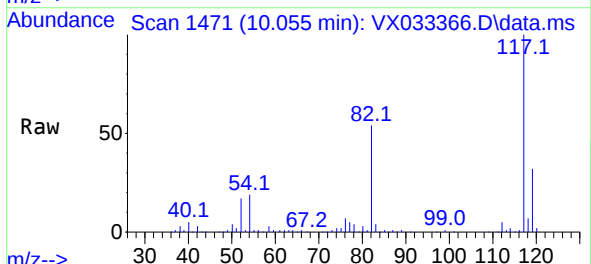
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

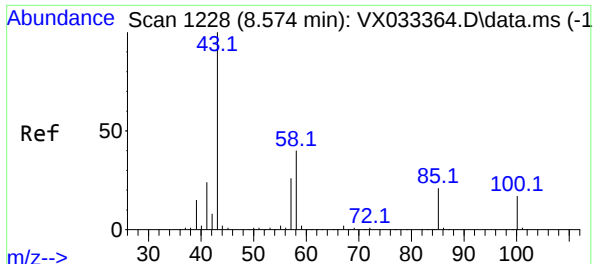
Tgt Ion:173 Resp: 114400
Ion Ratio Lower Upper
173 100
175 48.7 39.6 59.4
254 8.8 7.1 10.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:117 Resp: 107162
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.3 25.6 38.4

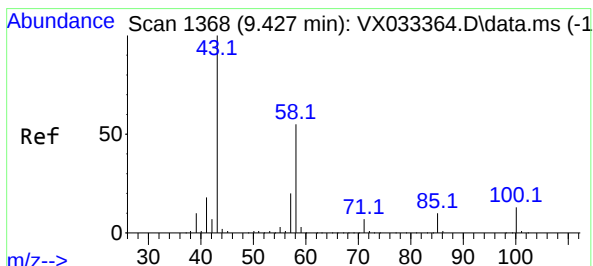
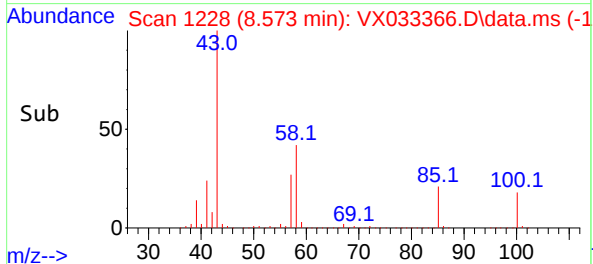
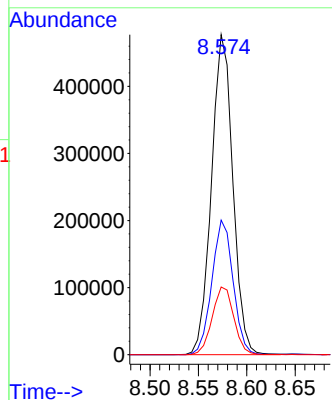
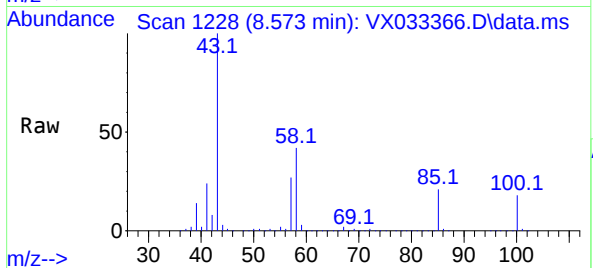




#58
4-Methyl-2-Pentanone
Concen: 422.530 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

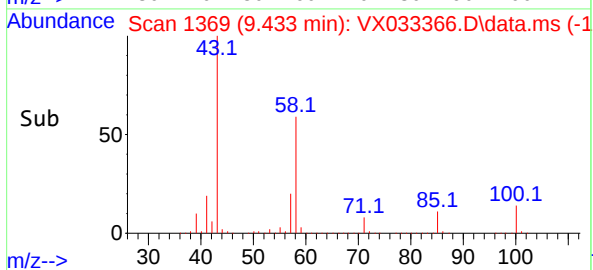
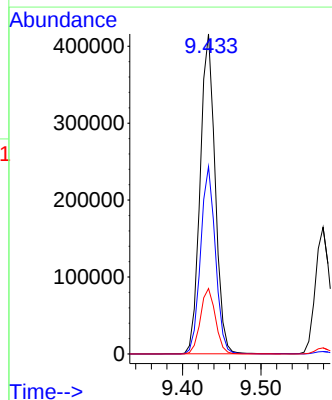
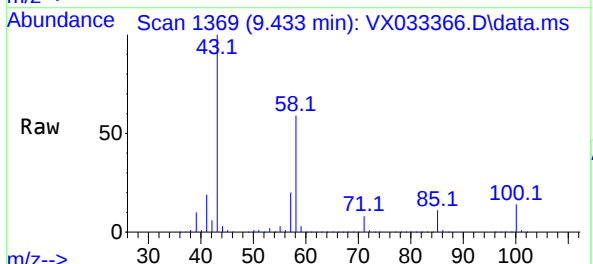
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

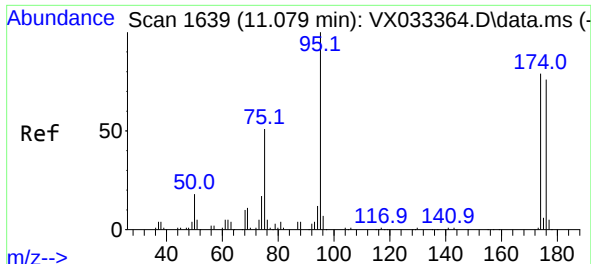
Tgt Ion: 43 Resp: 732205
Ion Ratio Lower Upper
43 100
58 41.9 32.3 48.5
85 21.5 16.6 24.8



#59
2-Hexanone
Concen: 417.692 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 43 Resp: 553492
Ion Ratio Lower Upper
43 100
58 57.8 44.4 66.6
57 20.6 16.2 24.2

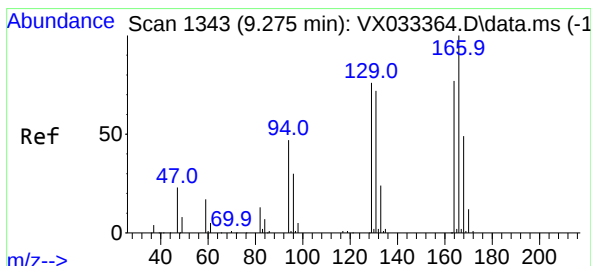
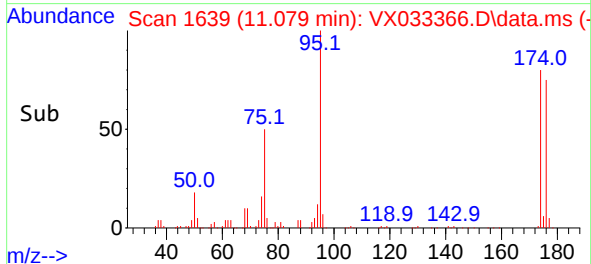
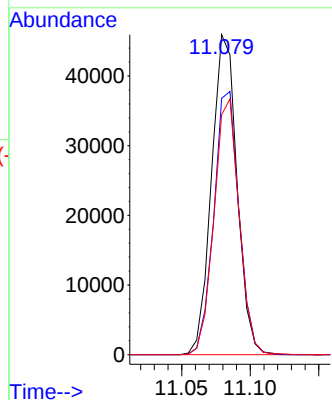
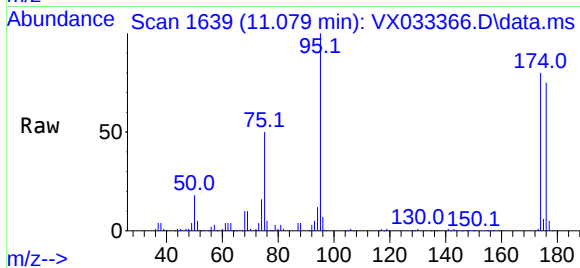




#60
4-Bromofluorobenzene
Concen: 29.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

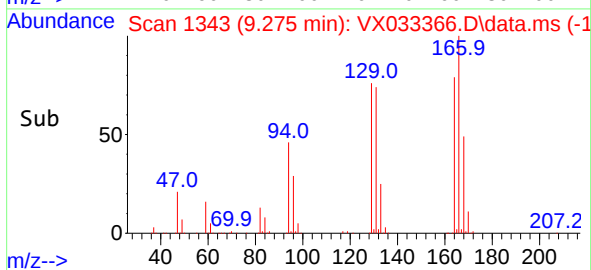
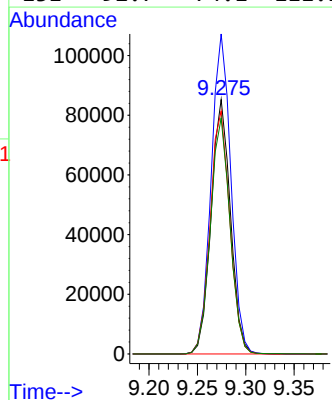
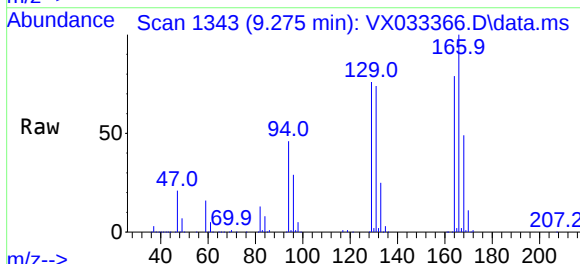
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

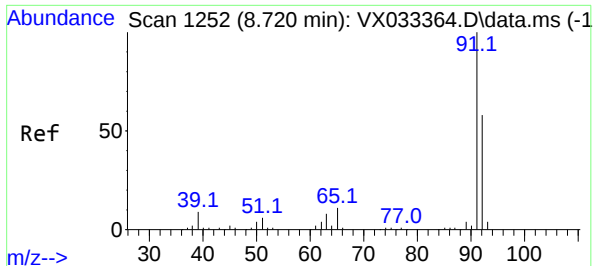
Tgt Ion: 95 Resp: 59255
Ion Ratio Lower Upper
95 100
174 81.5 65.9 98.9
176 78.9 63.3 94.9



#61
Tetrachloroethene
Concen: 82.769 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:164 Resp: 118773
Ion Ratio Lower Upper
164 100
166 125.8 103.3 154.9
129 95.5 78.3 117.5
131 92.7 74.1 111.1





#62

Toluene

Concen: 85.079 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

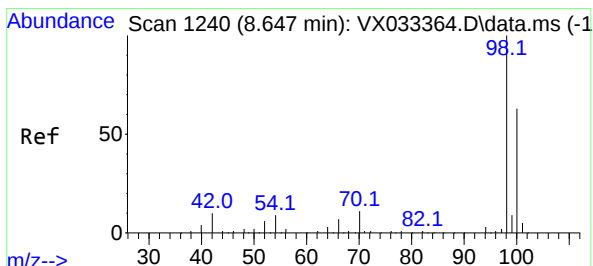
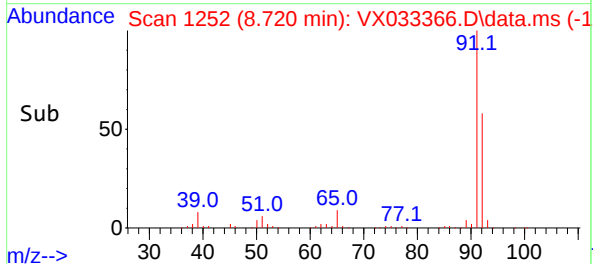
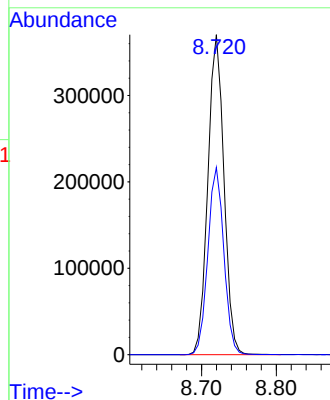
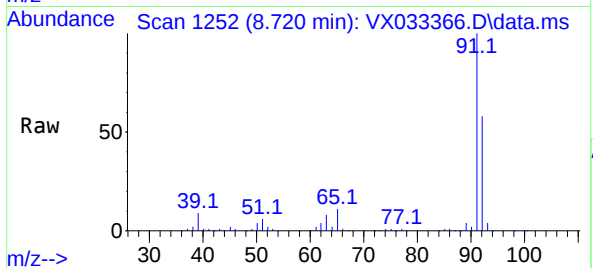
VSTDIC100

Tgt Ion: 91 Resp: 553406

Ion Ratio Lower Upper

91 100

92 58.2 46.2 69.2



#63

Toluene-d8

Concen: 29.493 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX033366.D

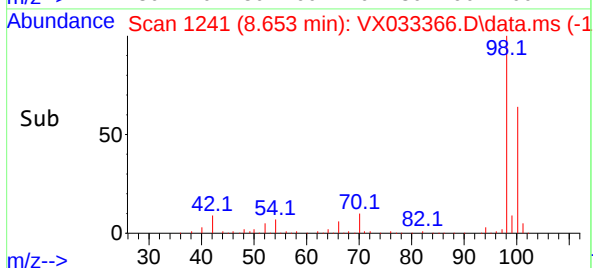
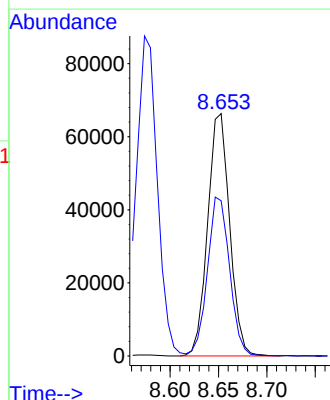
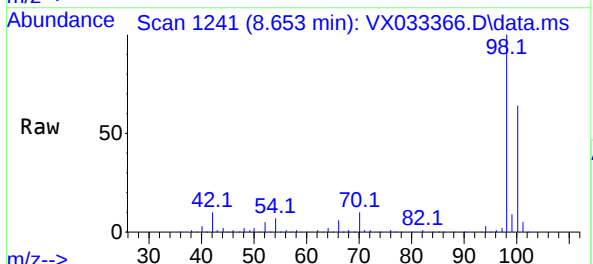
Acq: 12 Dec 2022 11:44

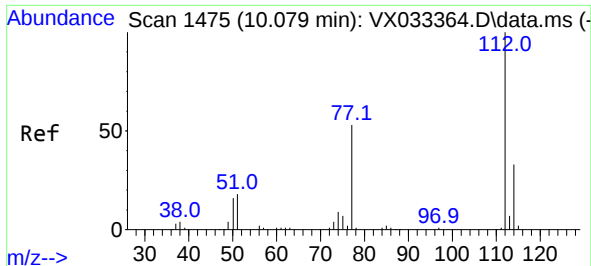
Tgt Ion: 98 Resp: 105134

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.2

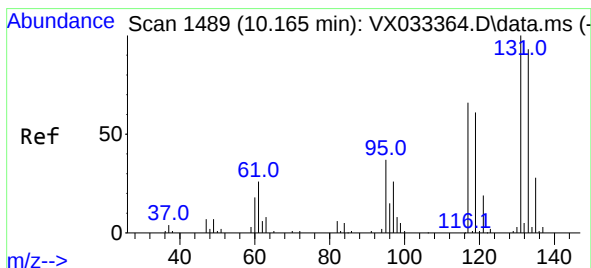
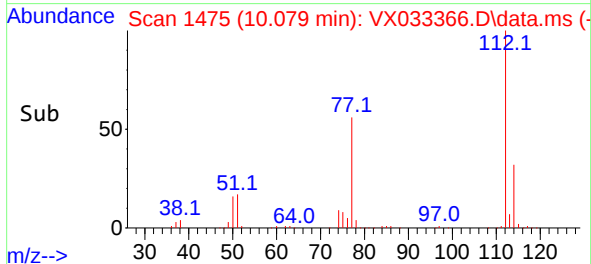
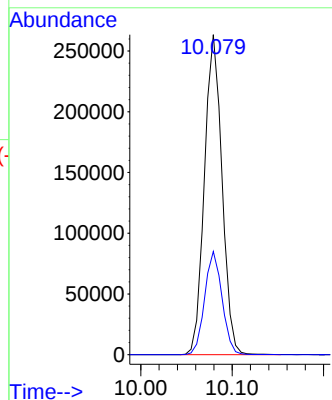
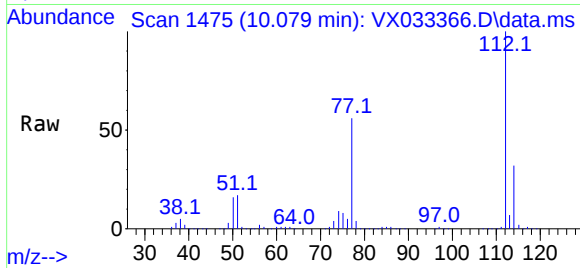




#64
Chlorobenzene
Concen: 85.320 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

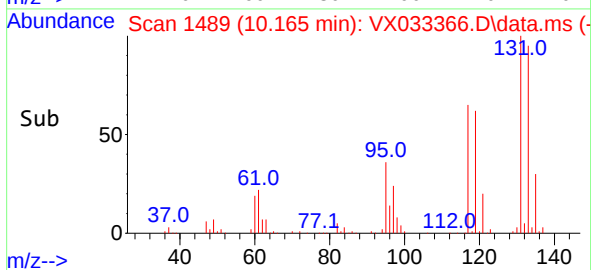
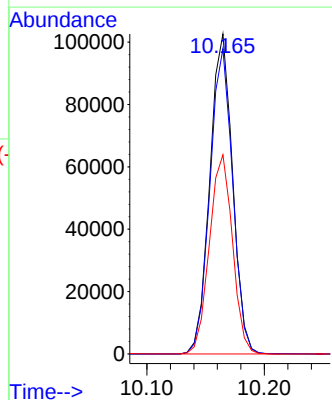
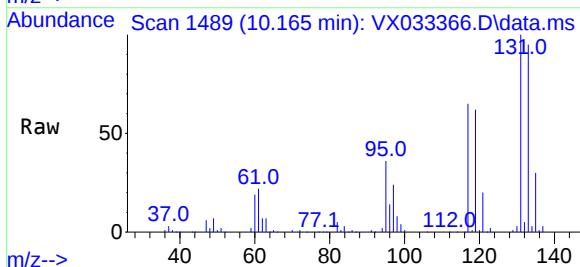
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

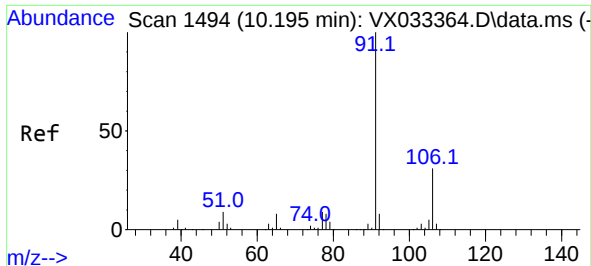
Tgt Ion:112 Resp: 351076
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#65
1,1,1,2-Tetrachloroethane
Concen: 84.853 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:131 Resp: 137884
Ion Ratio Lower Upper
131 100
133 95.4 0.0 187.6
119 63.2 0.0 124.2

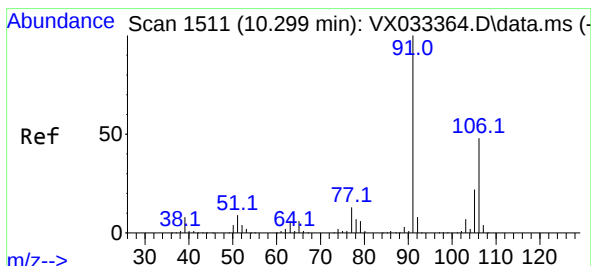
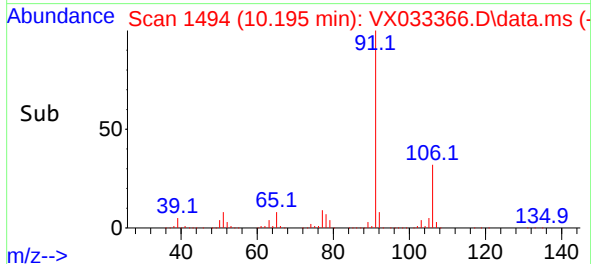
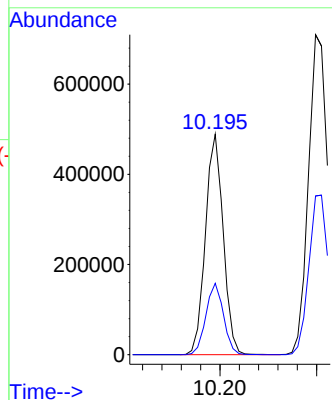
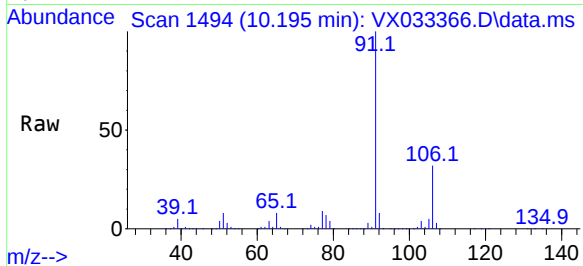




#66
Ethyl Benzene
Concen: 85.460 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

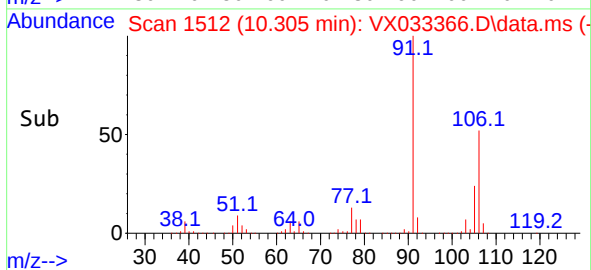
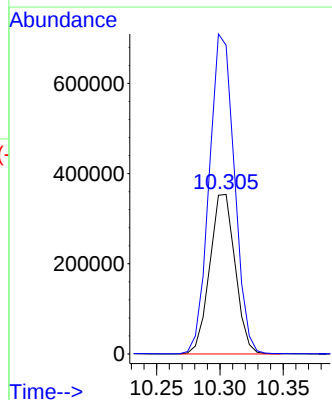
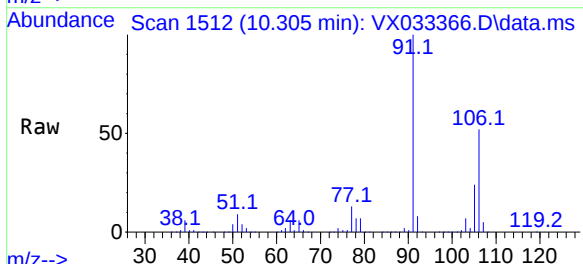
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

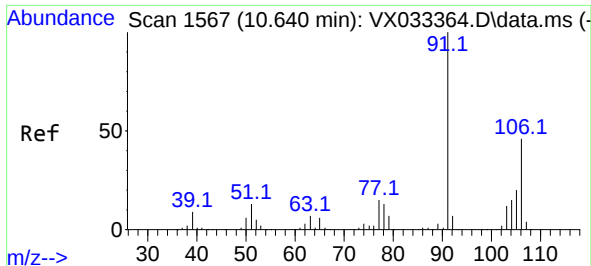
Tgt Ion: 91 Resp: 626373
Ion Ratio Lower Upper
91 100
106 32.3 24.8 37.2



#67
m/p-Xylenes
Concen: 172.549 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 106 Resp: 494345
Ion Ratio Lower Upper
106 100
91 199.5 165.4 248.2

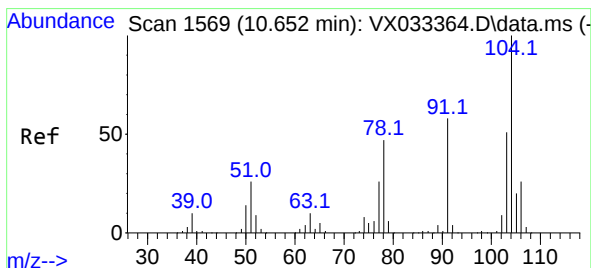
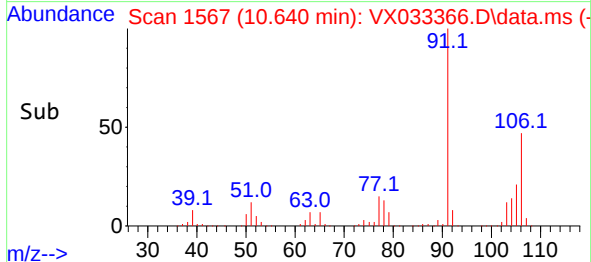
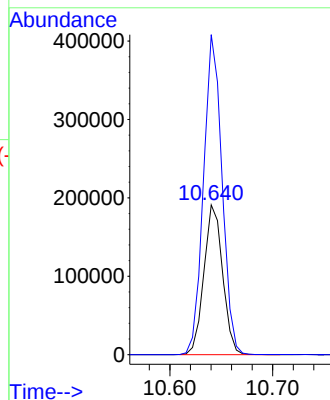
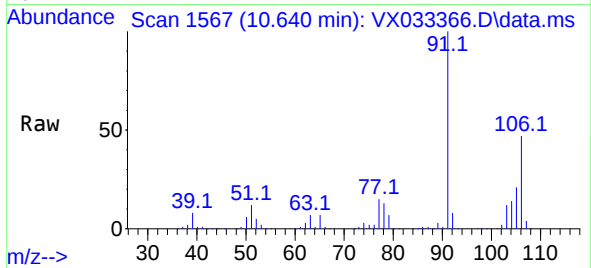




#68
o-Xylene
Concen: 86.717 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

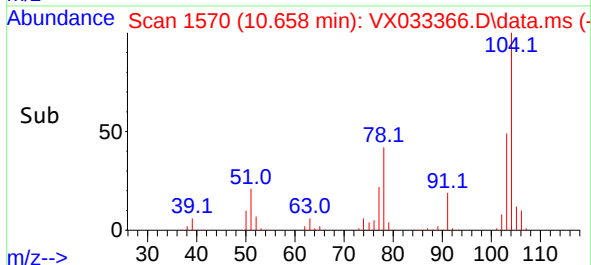
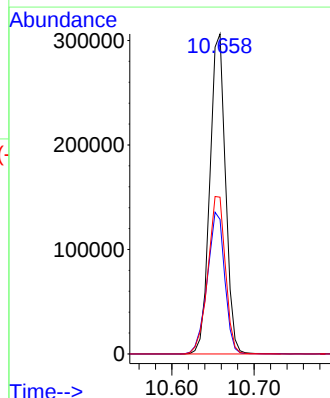
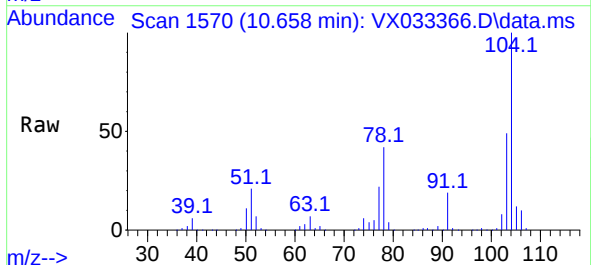
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

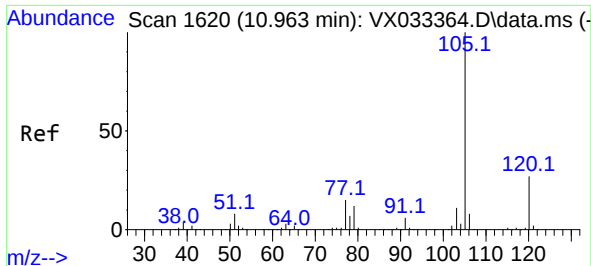
Tgt Ion:106 Resp: 242067
Ion Ratio Lower Upper
106 100
91 211.1 108.0 324.0



#69
Styrene
Concen: 87.546 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:104 Resp: 405983
Ion Ratio Lower Upper
104 100
78 49.1 40.0 60.0
103 54.8 43.9 65.9

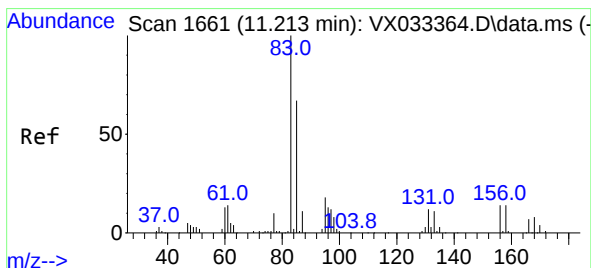
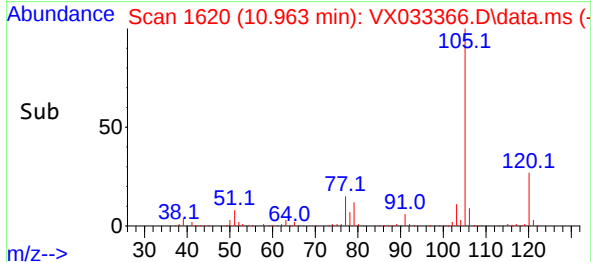
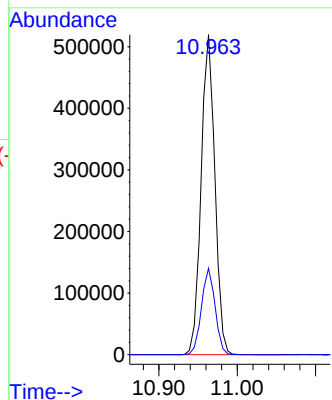
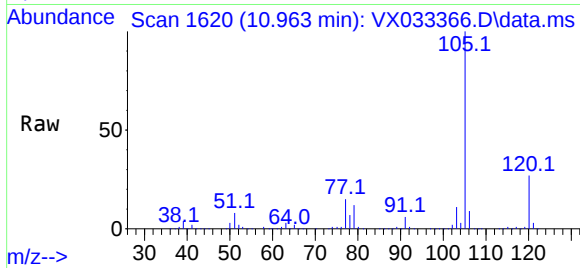




#70
Isopropylbenzene
Concen: 85.496 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

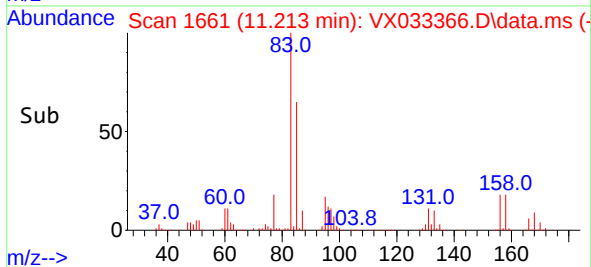
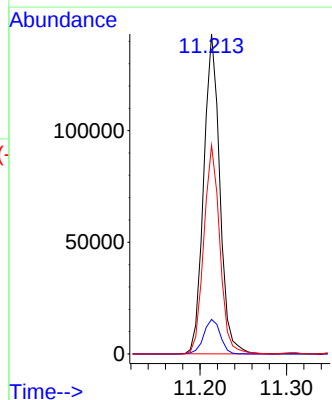
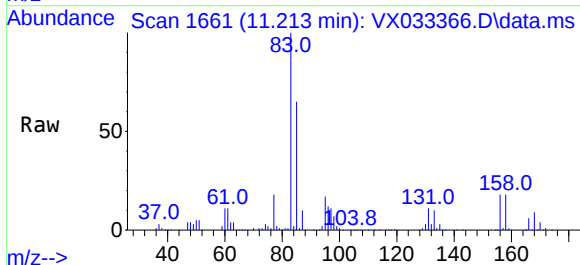
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

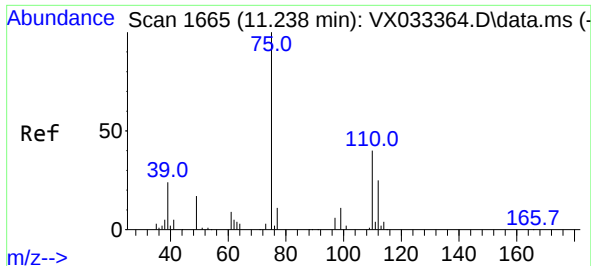
Tgt Ion:105 Resp: 633302
Ion Ratio Lower Upper
105 100
120 26.7 18.1 33.7



#71
1,1,2,2-Tetrachloroethane
Concen: 84.399 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 83 Resp: 184894
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.8 32.6 97.7

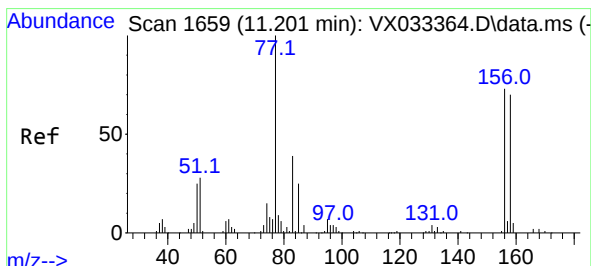
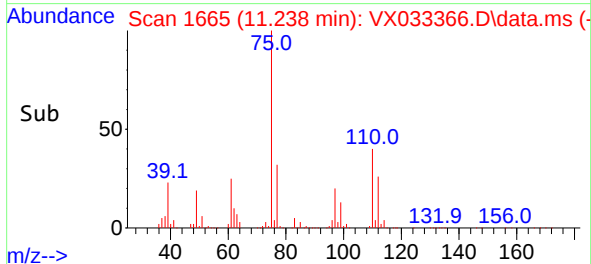
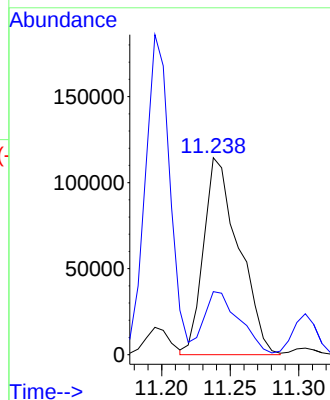
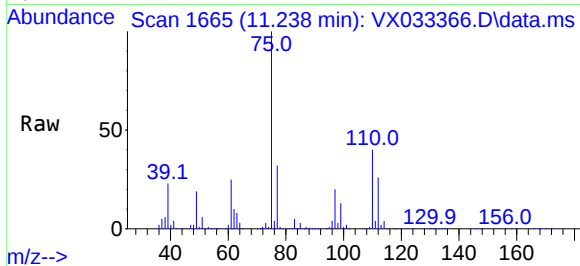




#72
1,2,3-Trichloropropane
Concen: 105.183 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

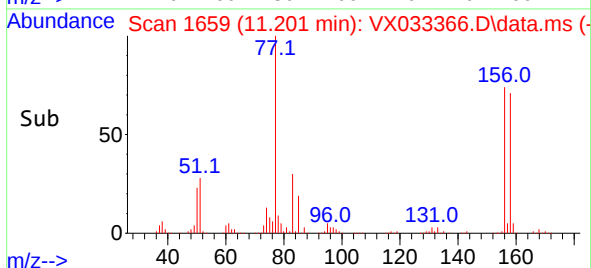
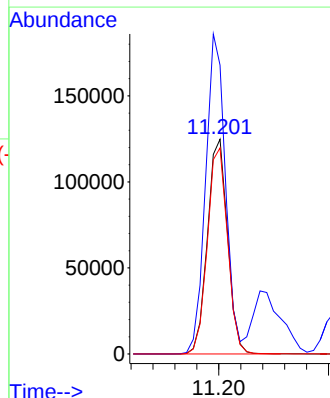
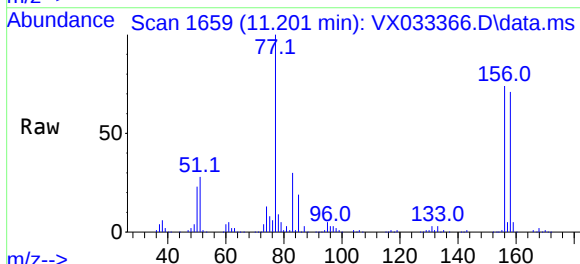
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

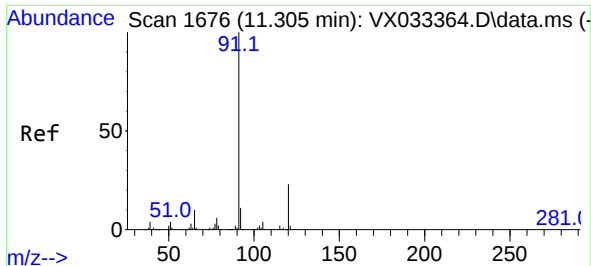
Tgt Ion: 75 Resp: 205201
Ion Ratio Lower Upper
75 100
77 32.3 0.0 74.4



#73
Bromobenzene
Concen: 86.660 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:156 Resp: 158825
Ion Ratio Lower Upper
156 100
77 146.0 0.0 298.6
158 96.3 0.0 193.2

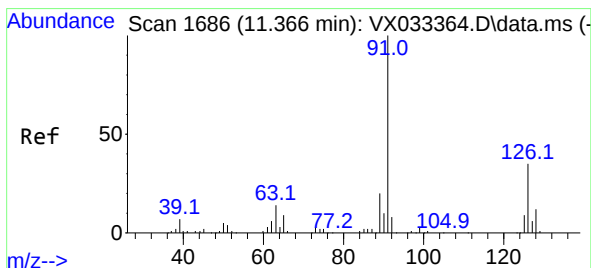
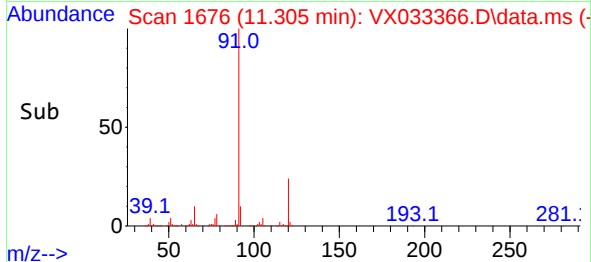
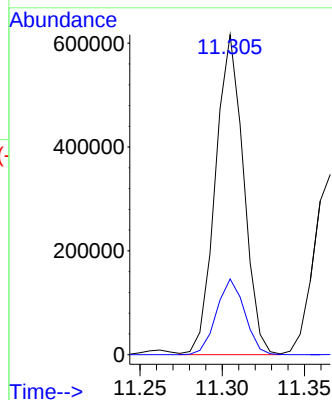
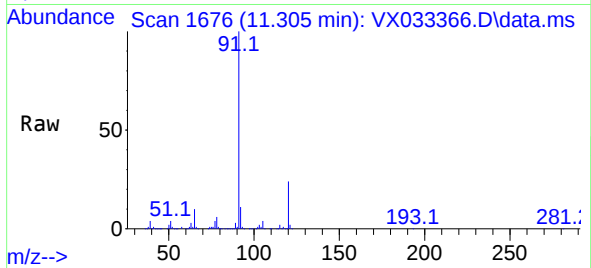




#74
n-propylbenzene
Concen: 86.287 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

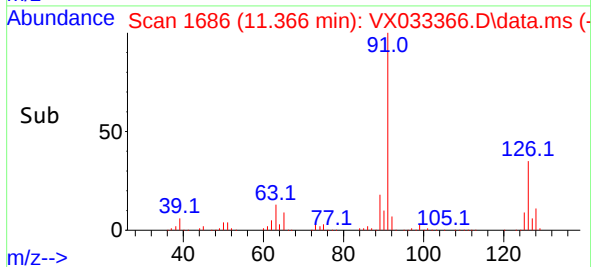
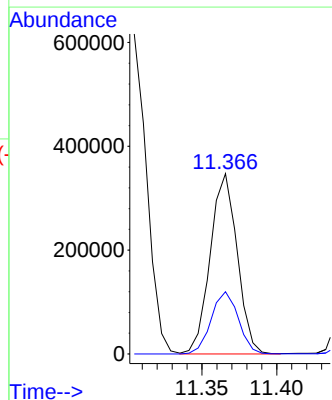
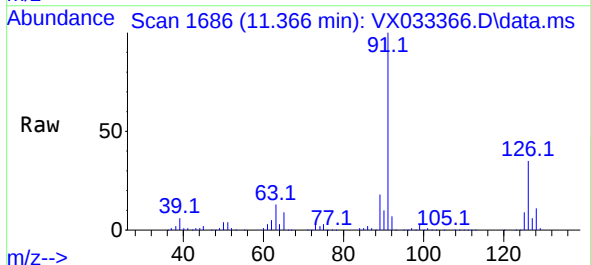
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

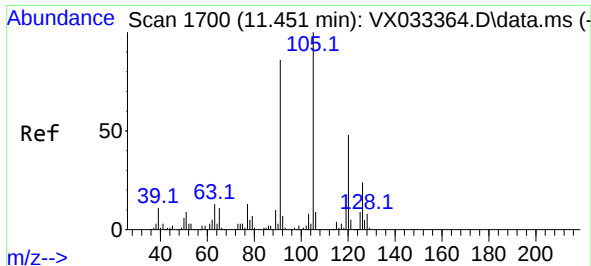
Tgt Ion: 91 Resp: 732429
Ion Ratio Lower Upper
91 100
120 23.6 0.0 46.4



#75
2-Chlorotoluene
Concen: 85.451 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 91 Resp: 436007
Ion Ratio Lower Upper
91 100
126 34.7 0.0 68.6

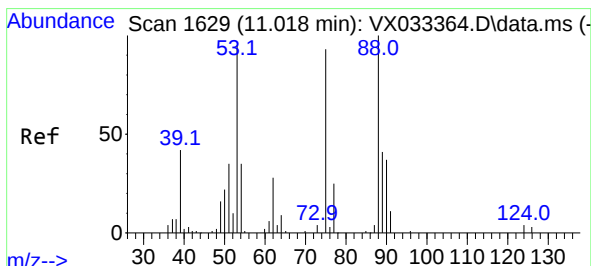
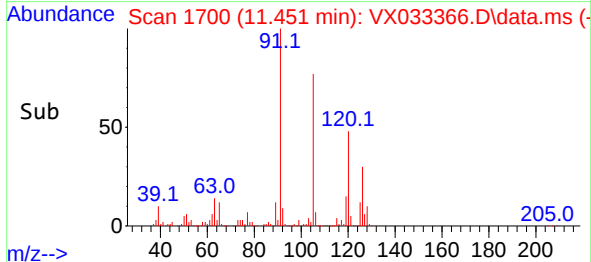
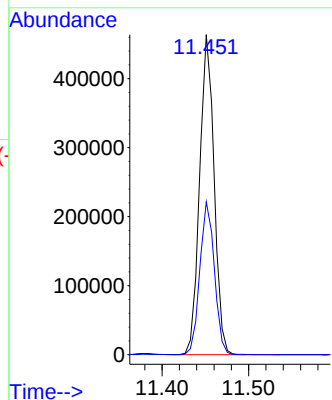
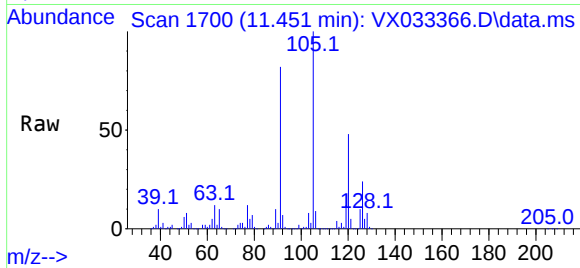




#76
1,3,5-Trimethylbenzene
Concen: 86.428 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

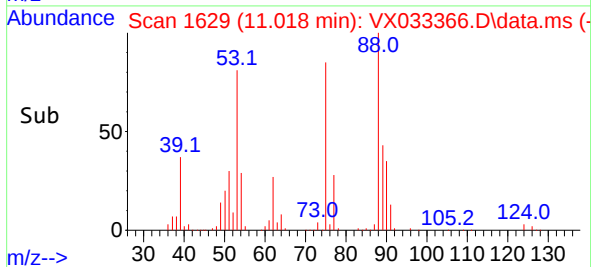
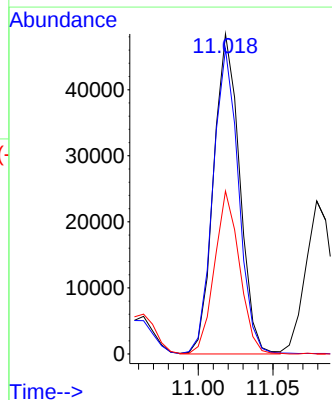
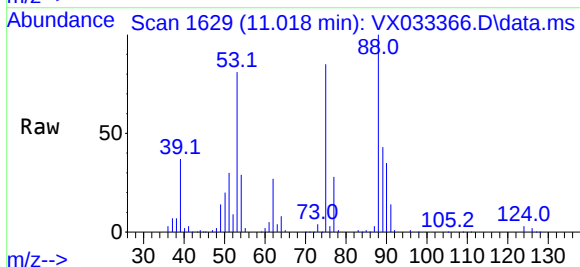
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

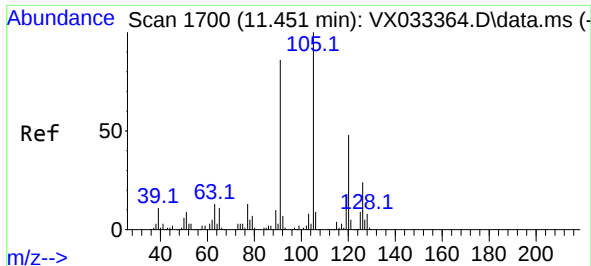
Tgt Ion:105 Resp: 538228
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.2



#77
t-1,4-Dichloro-2-butene
Concen: 90.366 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 75 Resp: 58617
Ion Ratio Lower Upper
75 100
53 95.5 51.4 154.3
89 50.8 22.2 66.6

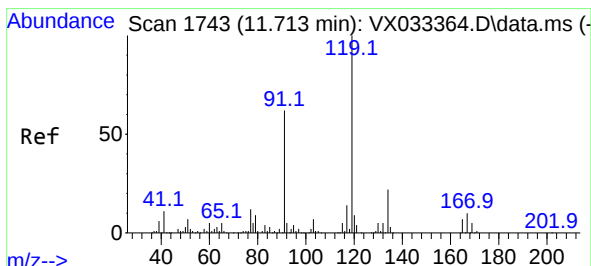
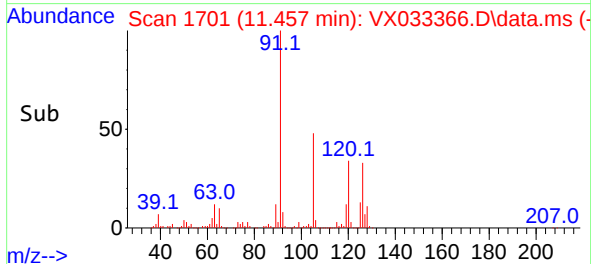
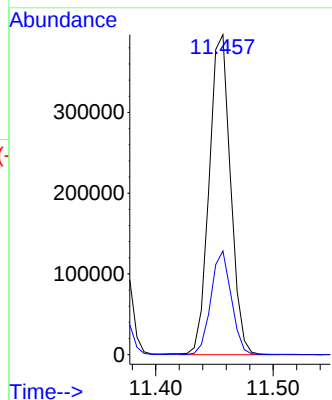
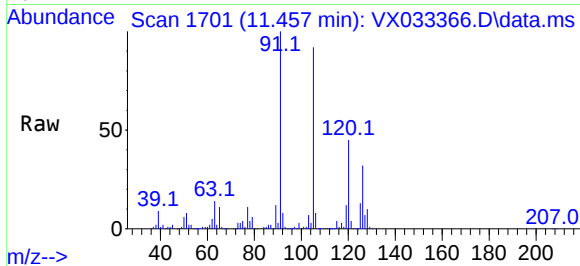




#78
4-Chlorotoluene
Concen: 85.624 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

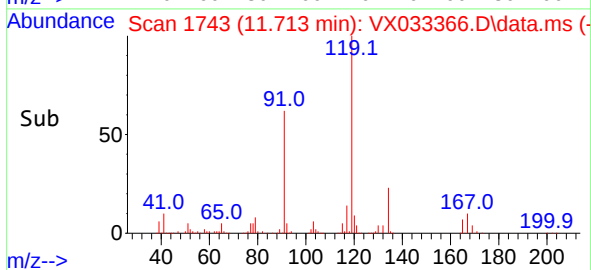
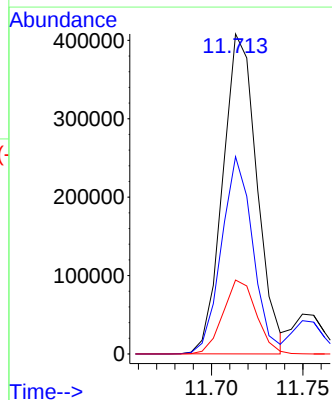
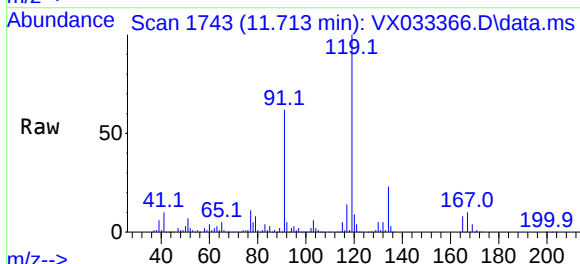
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

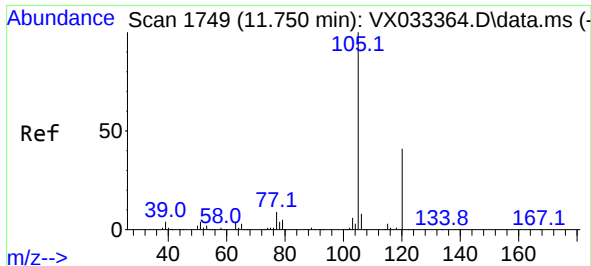
Tgt Ion: 91 Resp: 500648
Ion Ratio Lower Upper
91 100
126 30.8 0.0 59.4



#79
tert-butylbenzene
Concen: 86.010 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 119 Resp: 530977
Ion Ratio Lower Upper
119 100
91 56.9 0.0 117.0
134 22.6 0.0 44.4

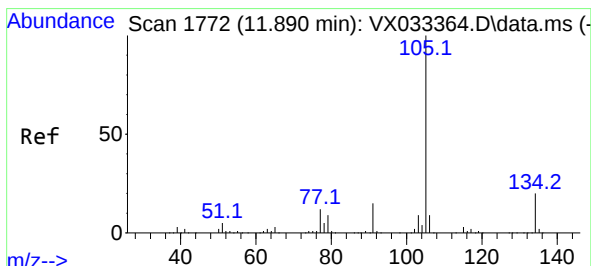
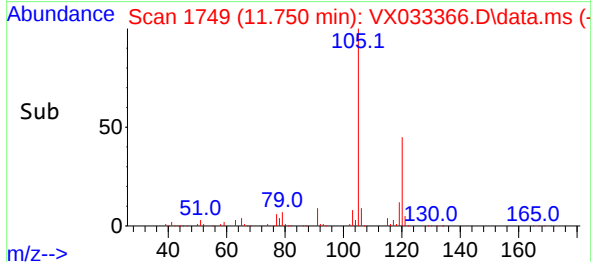
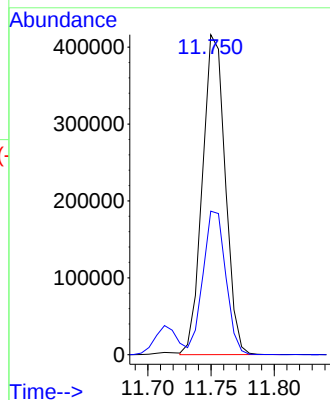
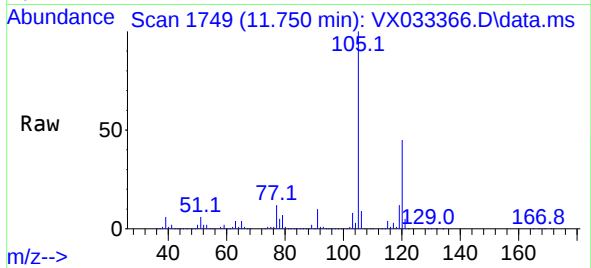




#80
1,2,4-Trimethylbenzene
Concen: 85.550 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

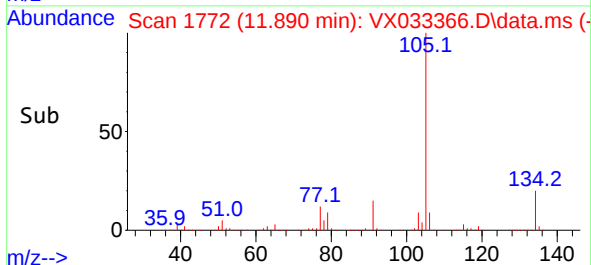
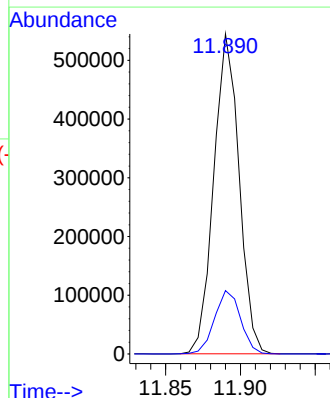
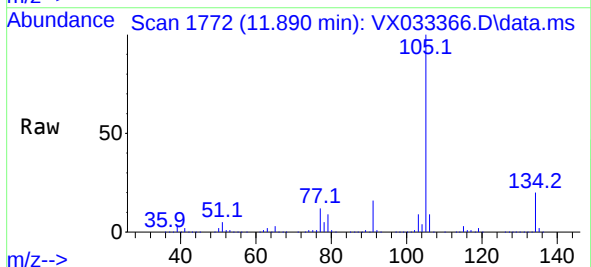
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

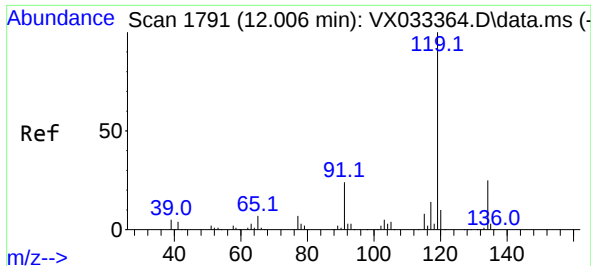
Tgt Ion:105 Resp: 523681
Ion Ratio Lower Upper
105 100
120 44.8 0.0 86.8



#81
sec-Butylbenzene
Concen: 86.373 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:105 Resp: 640840
Ion Ratio Lower Upper
105 100
134 20.4 0.0 39.8





#82

p-Isopropyltoluene

Concen: 86.234 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

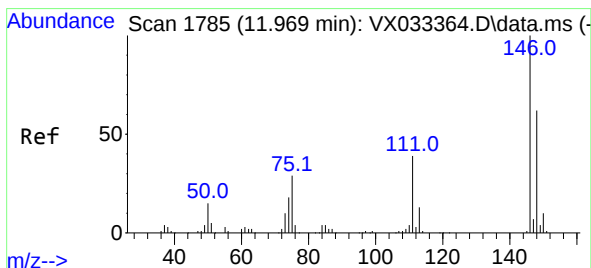
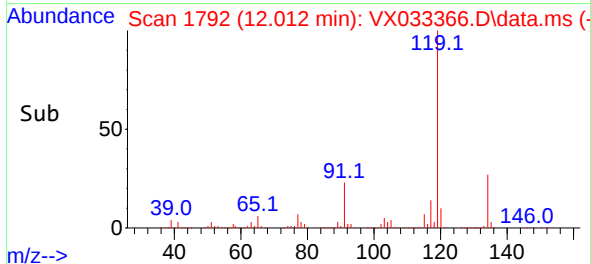
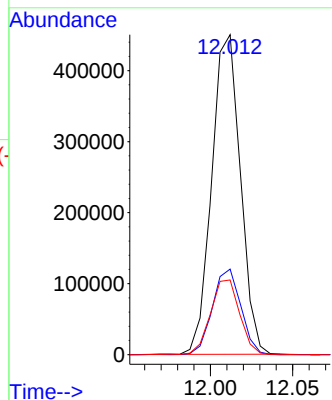
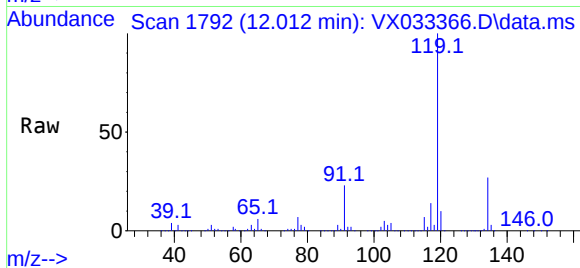
Tgt Ion:119 Resp: 545640

Ion Ratio Lower Upper

119 100

134 26.6 0.0 52.6

91 23.8 0.0 47.2



#83

1,3-Dichlorobenzene

Concen: 86.484 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

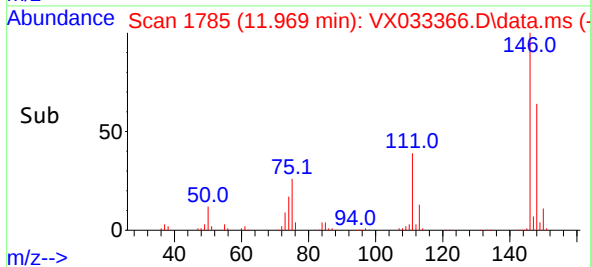
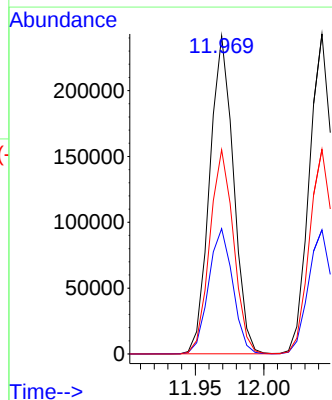
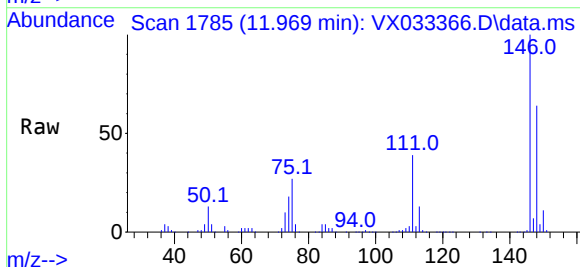
Tgt Ion:146 Resp: 291738

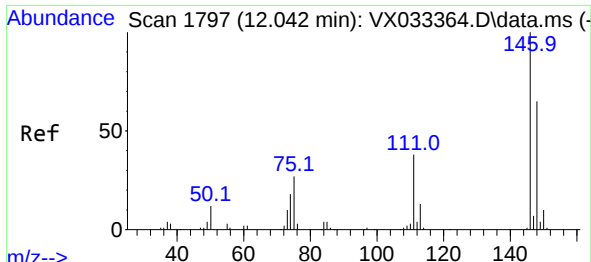
Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.3

148 64.2 31.3 93.9

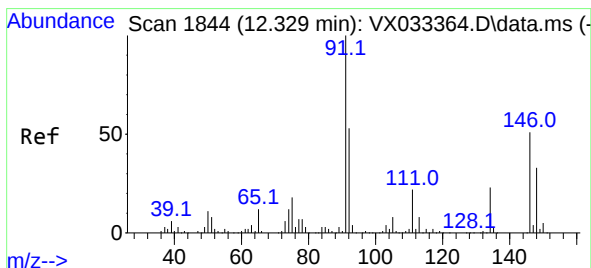
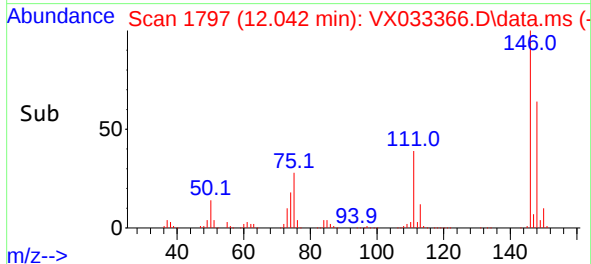
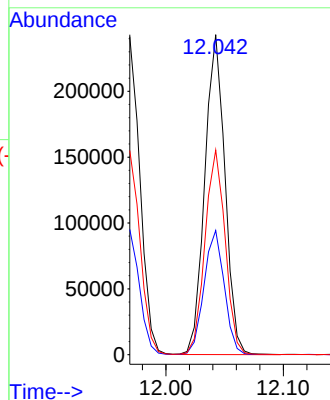
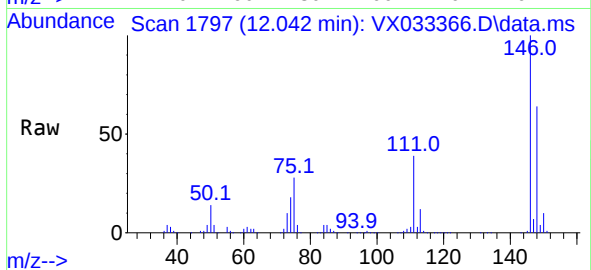




#84
1,4-Dichlorobenzene
Concen: 85.315 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

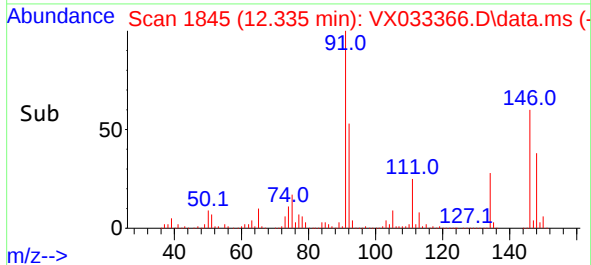
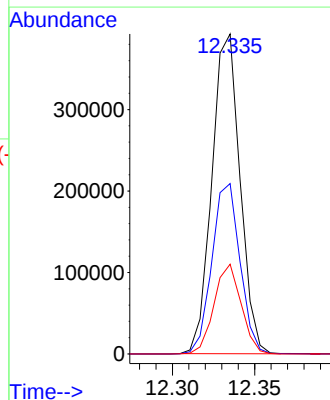
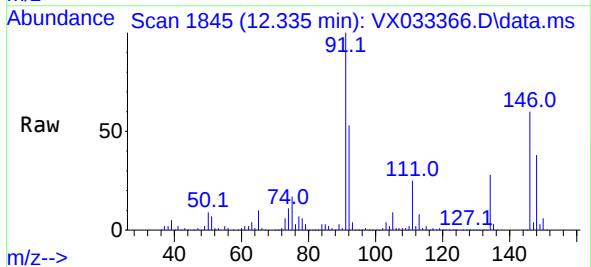
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

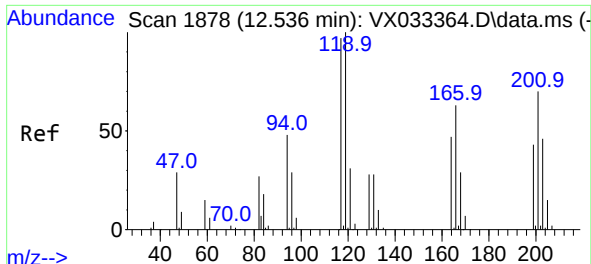
Tgt Ion:146 Resp: 289677
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 64.2 32.2 96.6



#85
n-Butylbenzene
Concen: 88.474 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion: 91 Resp: 467286
Ion Ratio Lower Upper
91 100
92 53.3 0.0 106.8
134 27.1 0.0 51.8

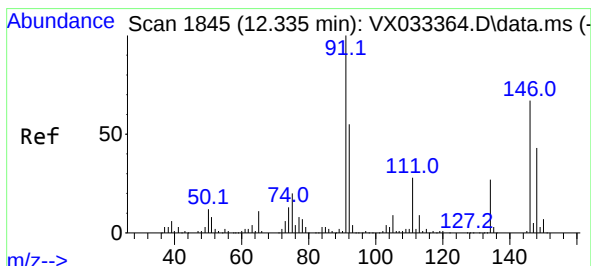
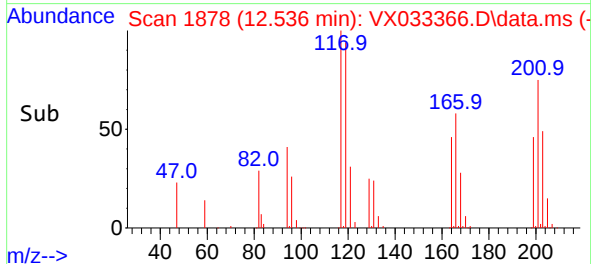
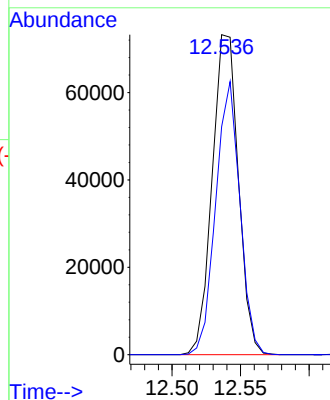
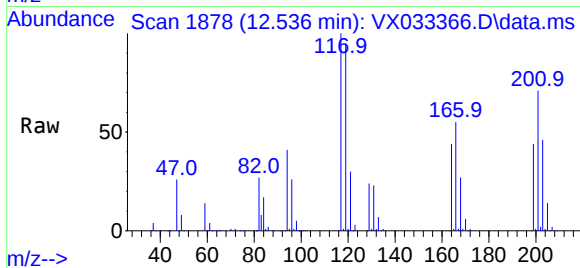




#86
Hexachloroethane
Concen: 86.796 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

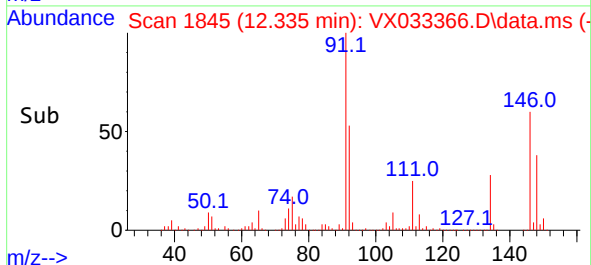
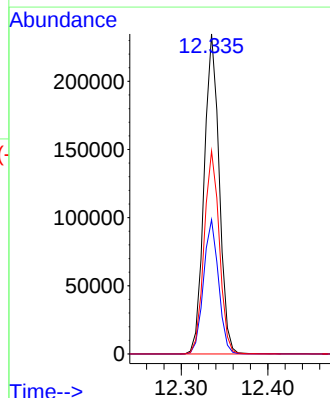
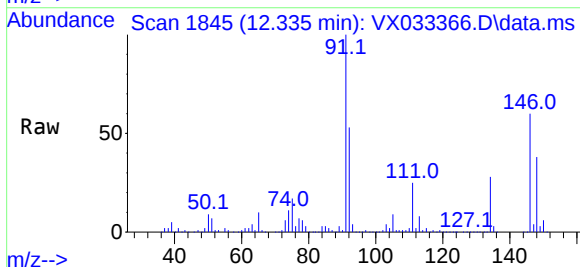
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

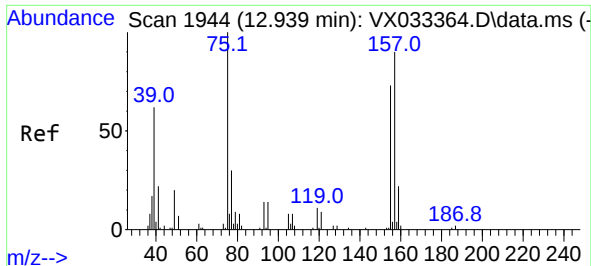
Tgt Ion:117 Resp: 97476
Ion Ratio Lower Upper
117 100
201 78.7 40.4 121.2



#87
1,2-Dichlorobenzene
Concen: 85.221 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:146 Resp: 283271
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 63.7 31.9 95.5





#88

1,2-Dibromo-3-Chloropropane

Concen: 84.111 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

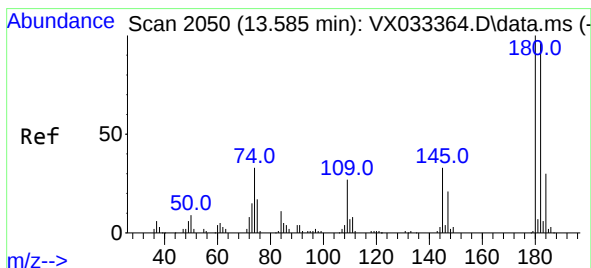
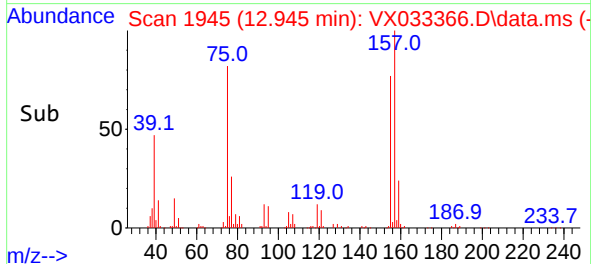
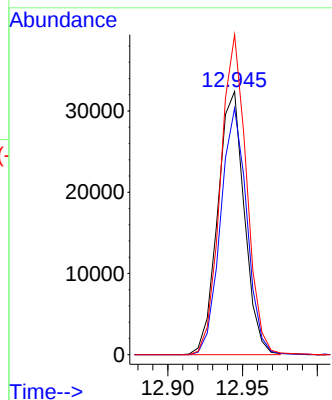
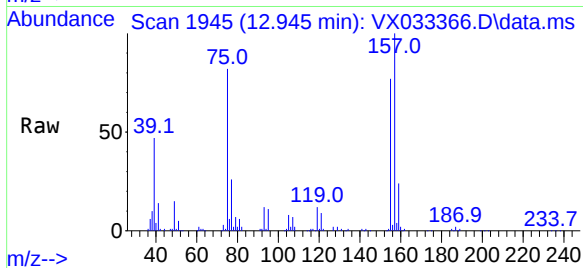
Tgt Ion: 75 Resp: 40146

Ion Ratio Lower Upper

75 100

155 92.1 69.6 104.4

157 118.3 84.8 127.2



#89

1,2,4-Trichlorobenzene

Concen: 89.609 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033366.D

Acq: 12 Dec 2022 11:44

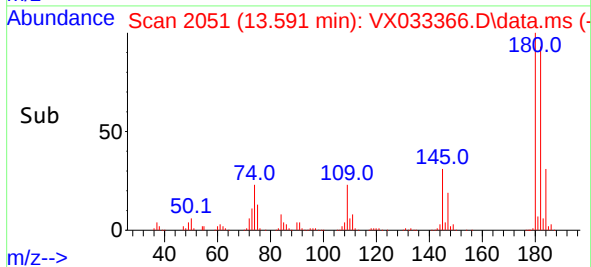
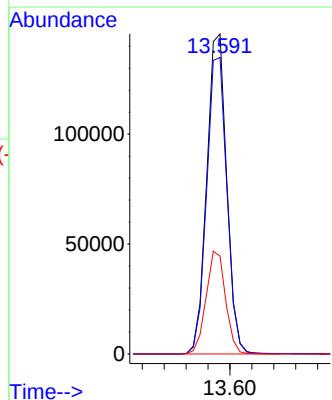
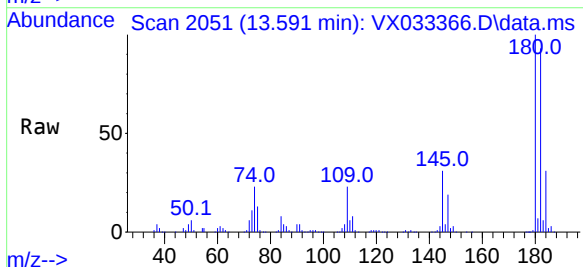
Tgt Ion:180 Resp: 183996

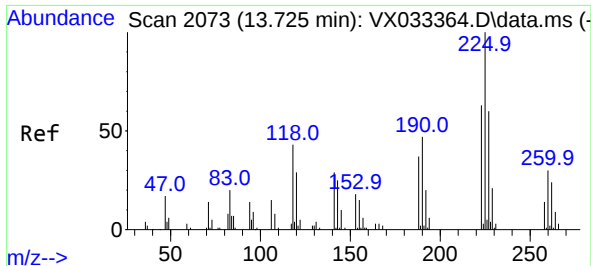
Ion Ratio Lower Upper

180 100

182 93.9 78.4 117.6

145 31.4 25.4 38.2

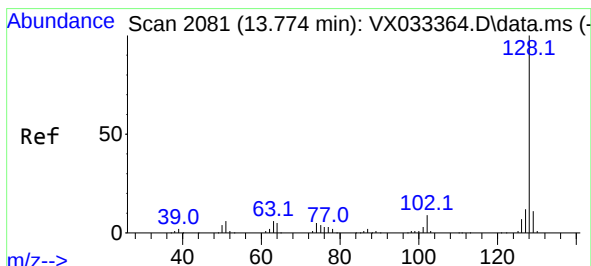
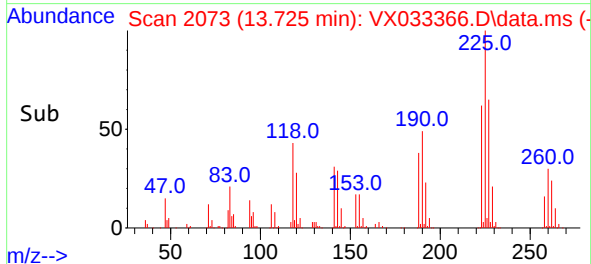
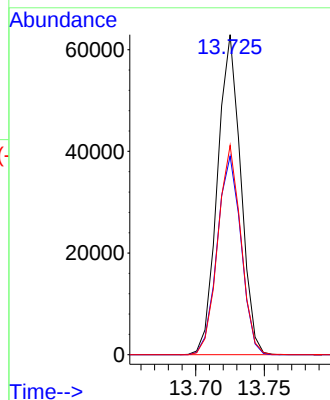
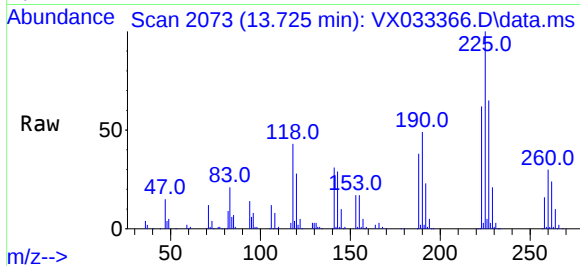




#90
Hexachlorobutadiene
Concen: 85.089 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

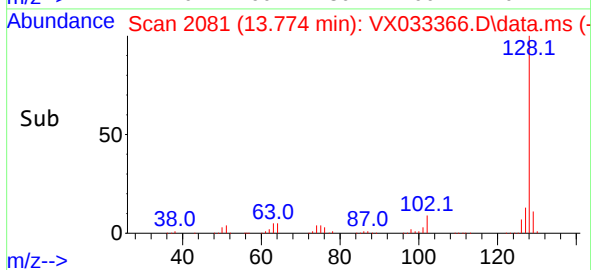
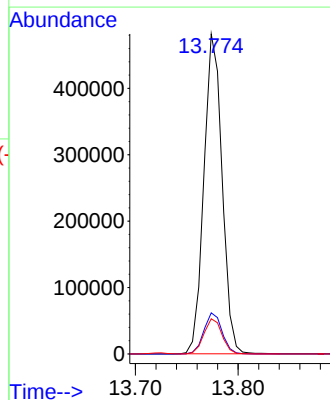
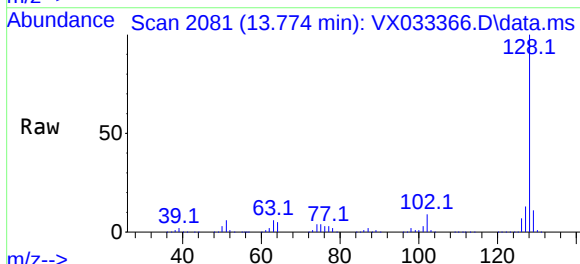
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

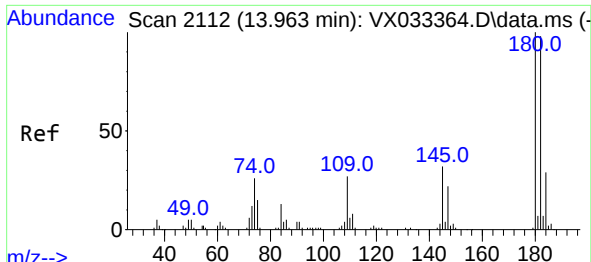
Tgt Ion:225 Resp: 74135
Ion Ratio Lower Upper
225 100
223 63.4 0.0 125.6
227 64.6 0.0 125.4



#91
Naphthalene
Concen: 89.420 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033366.D
Acq: 12 Dec 2022 11:44

Tgt Ion:128 Resp: 594225
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.0 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 88.389 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX033366.D
 Acq: 12 Dec 2022 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 181750
 Ion Ratio Lower Upper
 180 100
 182 94.8 0.0 194.2
 145 33.3 0.0 68.0

