

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026730.D
 Acq On : 7 Aug 2025 16:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDC050EC

Quant Time: Aug 08 01:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.295	168	395565	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.325	114	681010	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.534	117	564078	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.738	152	287410	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.683	65	243741	48.685	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.360%
34) Dibromofluoromethane	7.199	113	206530	49.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
49) Toluene-d8	10.032	98	841544	55.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.540%
61) 4-Bromofluorobenzene	12.667	95	244964	57.073	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.660	85	116297	40.340	ug/l	96
3) Chloromethane	1.843	50	195468	45.612	ug/l	97
4) Vinyl Chloride	1.958	62	228566	52.193	ug/l	90
5) Bromomethane	2.299	94	130992	61.386	ug/l	98
6) Chloroethane	2.427	64	165406	58.662	ug/l	99
7) Trichlorofluoromethane	2.713	101	529042	67.025	ug/l	92
8) Diethyl Ether	3.069	74	193222	55.173	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.374	101	191682	45.016	ug/l	99
10) Methyl Iodide	3.550	142	183840	44.735	ug/l	99
11) Tert butyl alcohol	4.317	59	168162	214.680	ug/l #	86
12) 1,1-Dichloroethene	3.354	96	183684	43.653	ug/l	97
13) Acrolein	3.239	56	244333	213.384	ug/l	95
14) Allyl chloride	3.881	41	344447	41.609	ug/l	95
15) Acrylonitrile	4.477	53	817550	262.929	ug/l	98
16) Acetone	3.435	43	614446	261.492	ug/l	94
17) Carbon Disulfide	3.637	76	229678	36.874	ug/l	97
18) Methyl Acetate	3.890	43	560829	57.185	ug/l	97
19) Methyl tert-butyl Ether	4.551	73	744487	44.211	ug/l	98
20) Methylene Chloride	4.083	84	246860	44.269	ug/l	98
21) trans-1,2-Dichloroethene	4.526	96	203350	43.961	ug/l	86
22) Diisopropyl ether	5.463	45	925120	47.690	ug/l	95
23) Vinyl Acetate	5.389	43	2884402	260.779	ug/l #	92
24) 1,1-Dichloroethane	5.325	63	432426	44.018	ug/l	97
25) 2-Butanone	6.367	43	1026489	282.238	ug/l	94
26) 2,2-Dichloropropane	6.345	77	274991	40.492	ug/l	78
27) cis-1,2-Dichloroethene	6.348	96	278137	46.737	ug/l	99
28) Bromochloromethane	6.746	49	154840	43.741	ug/l	99
29) Chloroform	6.952	83	418927	49.230	ug/l	99
30) Cyclohexane	7.276	56	329348	41.514	ug/l	98
31) 1,1,1-Trichloroethane	7.173	97	289029	47.019	ug/l	96
35) 1,1-Dichloropropene	7.426	75	265183	49.905	ug/l	98
36) Ethyl Acetate	6.473	43	361180	56.776	ug/l	99
37) Carbon Tetrachloride	7.407	117	221583	51.202	ug/l	89
38) Methylcyclohexane	8.883	83	305309	50.194	ug/l	97
39) Benzene	7.706	78	996727	52.087	ug/l	95
40) Methacrylonitrile	6.720	41	218985	55.391	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.795	62	257482	52.901	ug/l	97
42) Isopropyl Acetate	7.866	43	562629	55.004	ug/l	96
43) Trichloroethene	8.604	130	193537	52.591	ug/l	86
44) 1,2-Dichloropropane	8.919	63	235835	52.079	ug/l	97
45) Dibromomethane	9.015	93	140368	55.737	ug/l	98
46) Bromodichloromethane	9.243	83	275330	56.425	ug/l	93
47) Methyl methacrylate	9.024	41	273411	61.072	ug/l	97
48) 1,4-Dioxane	9.021	88	92529	1283.082	ug/l	95
50) 4-Methyl-2-Pentanone	9.917	43	1832110	343.076	ug/l	97
51) Toluene	10.106	92	569274	58.276	ug/l	97
52) t-1,3-Dichloropropene	10.363	75	257208	53.779	ug/l	93
53) cis-1,3-Dichloropropene	9.743	75	317891	55.414	ug/l	96
54) 1,1,2-Trichloroethane	10.565	97	214561	60.143	ug/l	96
55) Ethyl methacrylate	10.427	69	362750	61.572	ug/l	98
56) 1,3-Dichloropropane	10.732	76	360232	59.282	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.586	63	126145	387.453	ug/l	100
58) 2-Hexanone	10.793	43	1240240	344.503	ug/l	100
59) Dibromochloromethane	10.950	129	186865	61.892	ug/l	99
60) 1,2-Dibromoethane	11.065	107	193450	63.005	ug/l	99
63) Tetrachloroethene	10.648	164	159430	51.738	ug/l	97
64) Chlorobenzene	11.563	112	610010	51.963	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.653	131	173114	53.990	ug/l	97
66) Ethyl Benzene	11.656	91	1041210	53.119	ug/l	99
67) m/p-Xylenes	11.784	106	829467	105.918	ug/l	99
68) o-Xylene	12.153	106	405198	53.302	ug/l	99
69) Styrene	12.169	104	707310	55.678	ug/l	98
70) Bromoform	12.352	173	108796	59.953	ug/l #	99
72) Isopropylbenzene	12.496	105	998441	48.740	ug/l	100
73) N-amyl acetate	12.294	43	413206	50.873	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.782	83	316973	52.738	ug/l	98
75) 1,2,3-Trichloropropane	12.840	75	347639	72.970	ug/l #	100
76) Bromobenzene	12.808	156	233375	49.228	ug/l	95
77) n-propylbenzene	12.885	91	1192506	48.793	ug/l	100
78) 2-Chlorotoluene	12.978	91	653576	47.134	ug/l	97
79) 1,3,5-Trimethylbenzene	13.045	105	773420	48.281	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.551	75	74428	45.502	ug/l	87
81) 4-Chlorotoluene	13.093	91	658684	46.500	ug/l	98
82) tert-Butylbenzene	13.344	119	737904	50.644	ug/l	95
83) 1,2,4-Trimethylbenzene	13.395	105	798128	50.333	ug/l	100
84) sec-Butylbenzene	13.543	105	1081038	50.029	ug/l	100
85) p-Isopropyltoluene	13.674	119	896394	50.878	ug/l	99
86) 1,3-Dichlorobenzene	13.668	146	478400	51.473	ug/l	98
87) 1,4-Dichlorobenzene	13.758	146	469685	50.349	ug/l	96
88) n-Butylbenzene	14.043	91	808541	49.791	ug/l	99
89) Hexachloroethane	14.345	117	122222	48.309	ug/l	92
90) 1,2-Dichlorobenzene	14.085	146	449935	51.544	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.788	75	43583	54.455	ug/l	97
92) 1,2,4-Trichlorobenzene	15.548	180	272683	52.241	ug/l	98
93) Hexachlorobutadiene	15.680	225	86916	51.250	ug/l	97
94) Naphthalene	15.827	128	845819	52.879	ug/l	99
95) 1,2,3-Trichlorobenzene	16.049	180	264737	53.424	ug/l	96

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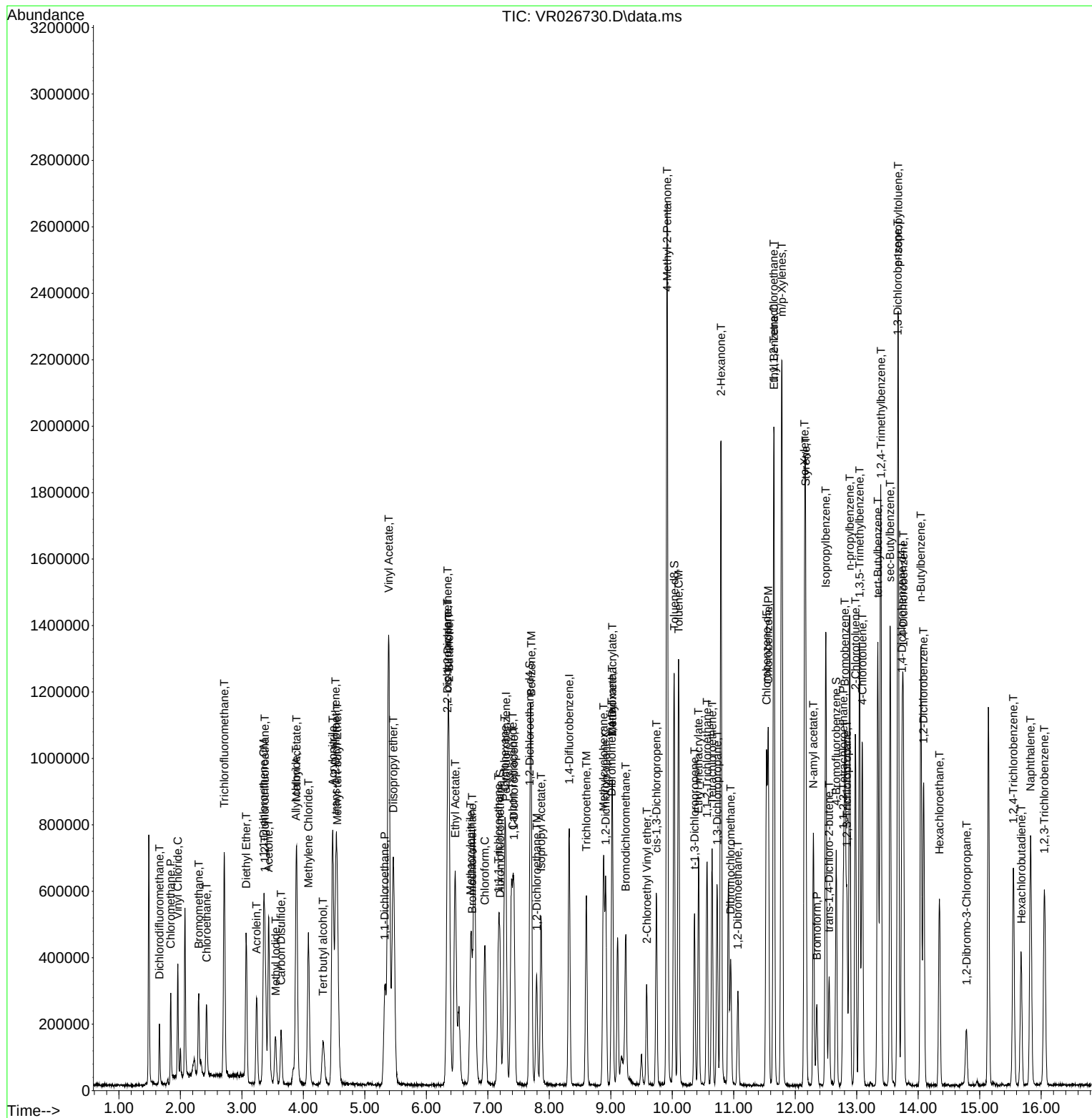
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

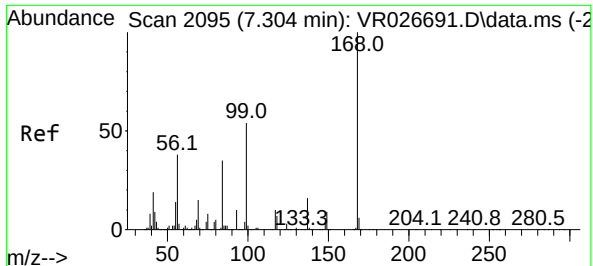
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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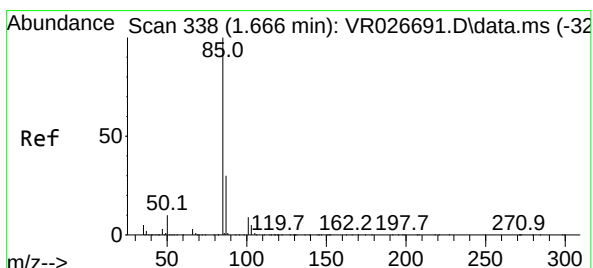
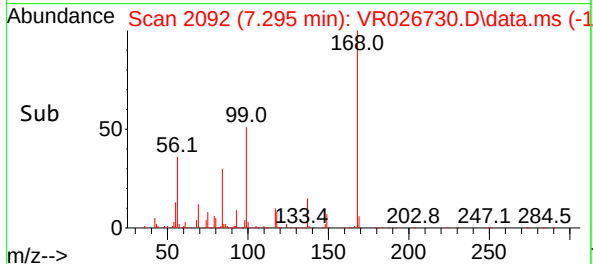
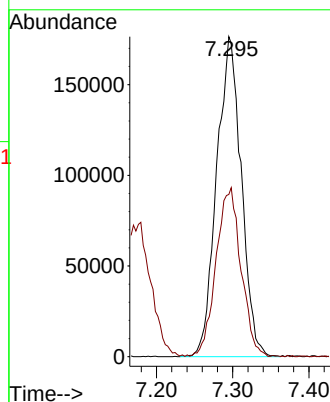
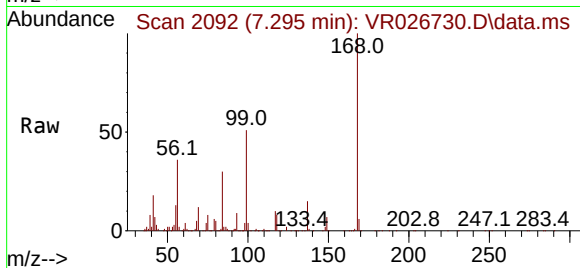




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.295 min Scan# 2095
Delta R.T. -0.009 min
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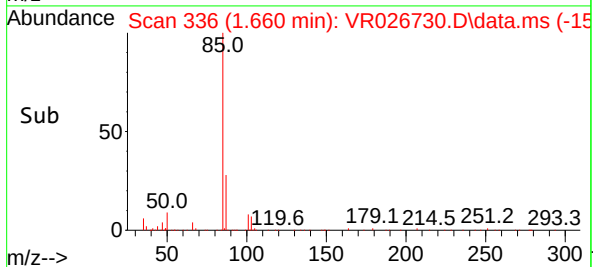
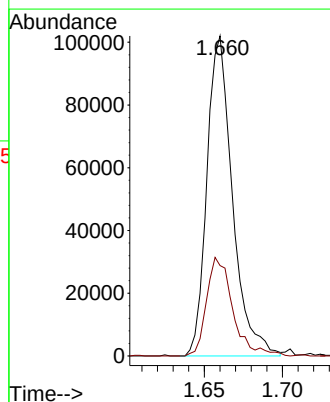
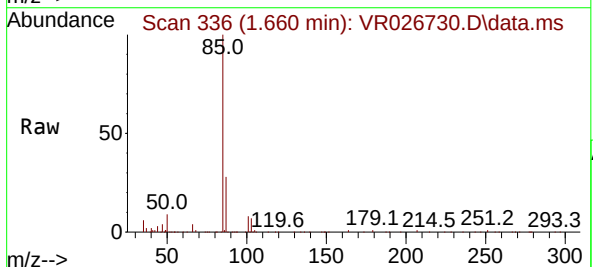
Instrument :
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ClientSampleId :
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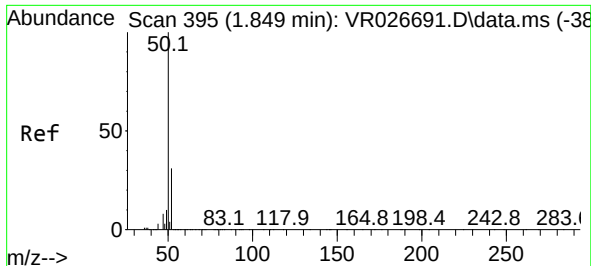
Tgt Ion:168 Resp: 395565
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 40.340 ug/l
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 85 Resp: 116297
Ion Ratio Lower Upper
85 100
87 28.3 15.2 45.5

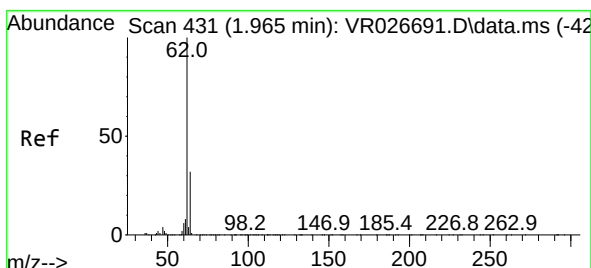
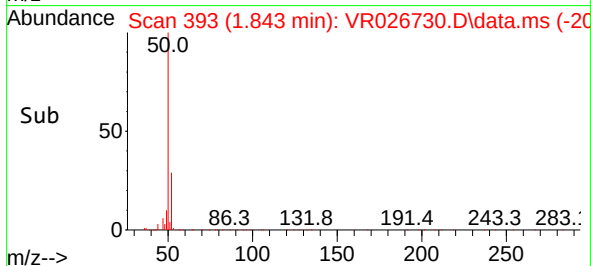
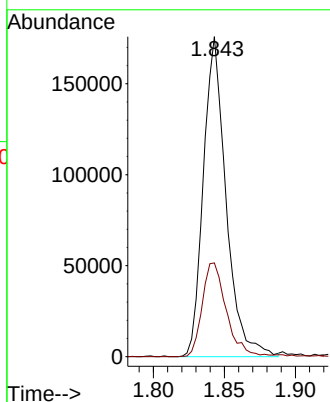
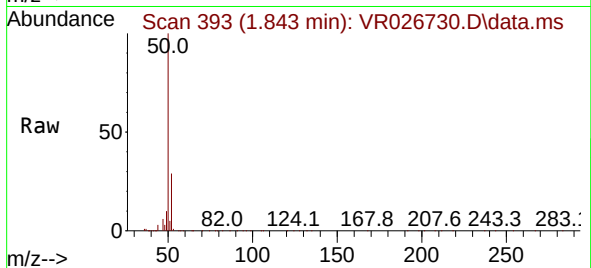




#3
Chloromethane
Concen: 45.612 ug/l
RT: 1.843 min Scan# 391
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

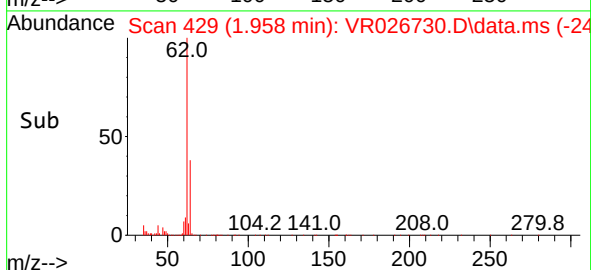
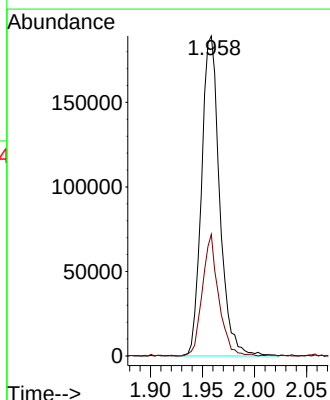
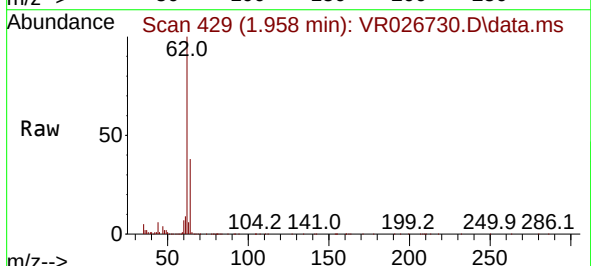
Instrument :
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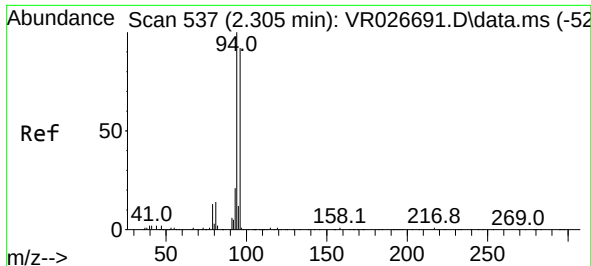
Tgt Ion: 50 Resp: 195468
Ion Ratio Lower Upper
50 100
52 29.3 25.0 37.4



#4
Vinyl Chloride
Concen: 52.193 ug/l
RT: 1.958 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 62 Resp: 228566
Ion Ratio Lower Upper
62 100
64 38.0 25.9 38.9

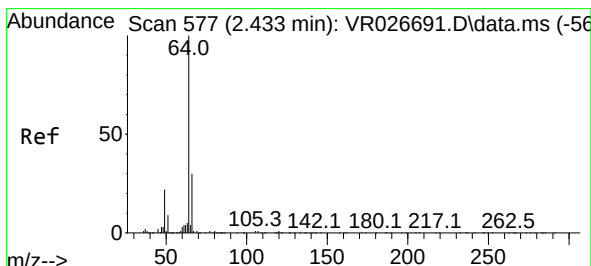
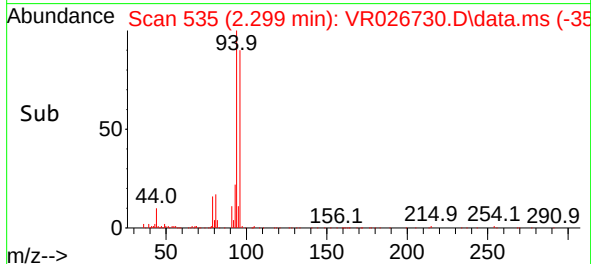
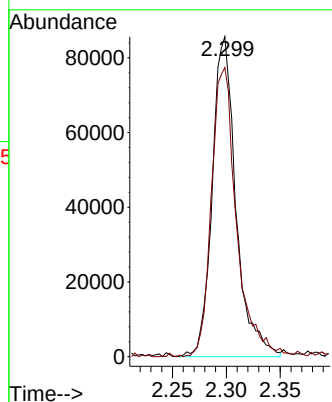
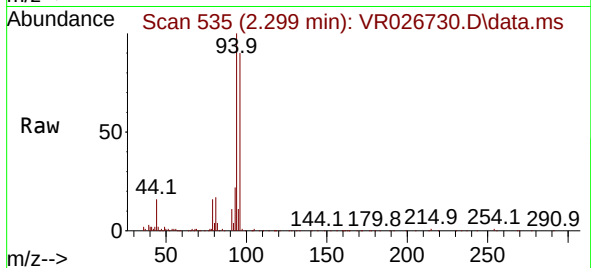




#5
Bromomethane
Concen: 61.386 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026730.D
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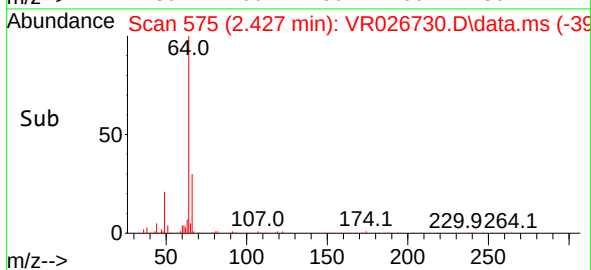
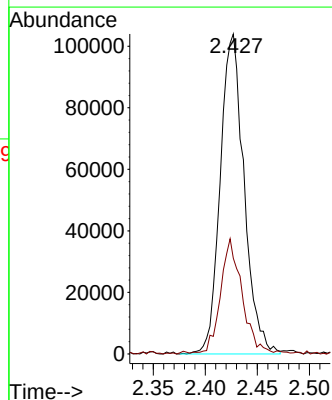
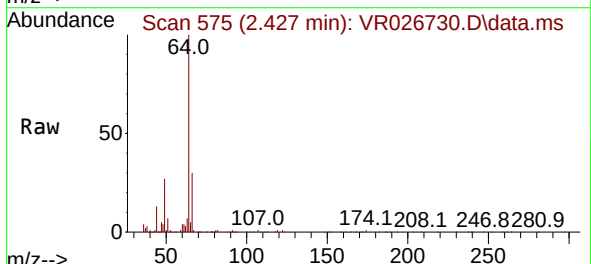
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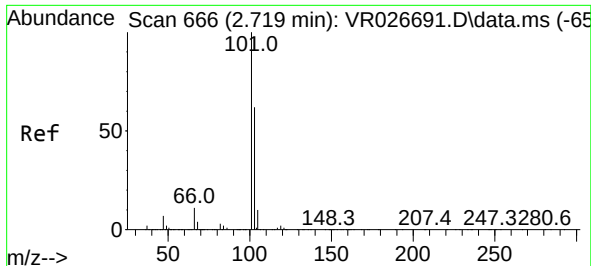
Tgt Ion: 94 Resp: 130992
Ion Ratio Lower Upper
94 100
96 89.9 73.3 109.9



#6
Chloroethane
Concen: 58.662 ug/l
RT: 2.427 min Scan# 575
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 64 Resp: 165406
Ion Ratio Lower Upper
64 100
66 29.6 24.3 36.5

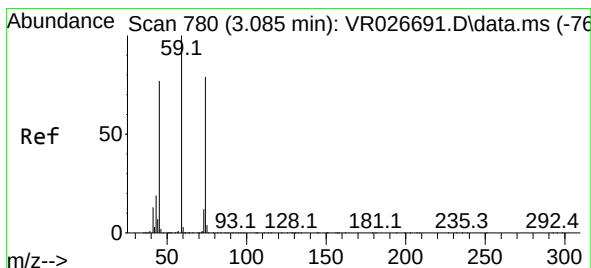
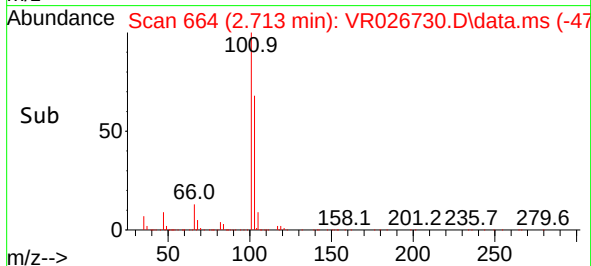
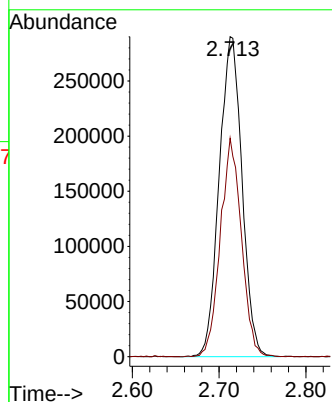
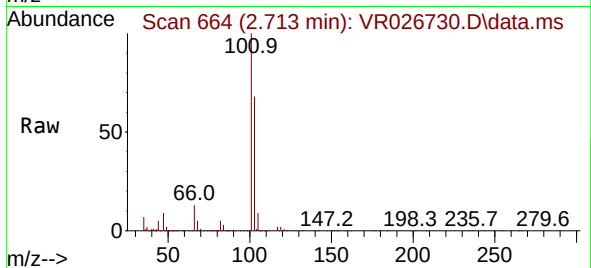




#7
Trichlorofluoromethane
Concen: 67.025 ug/l
RT: 2.713 min Scan# 609
Delta R.T. -0.006 min
Lab File: VR026730.D
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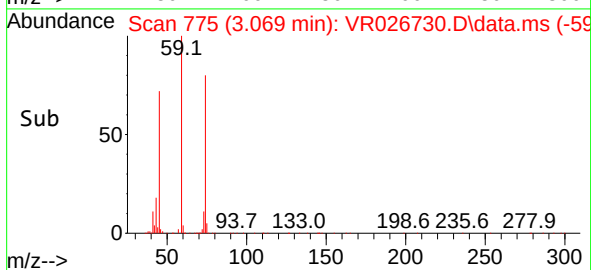
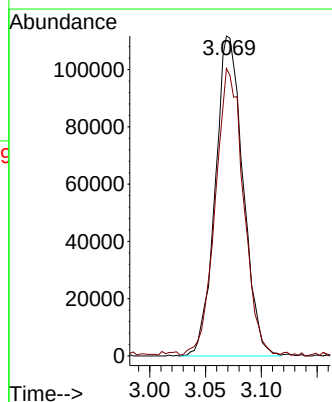
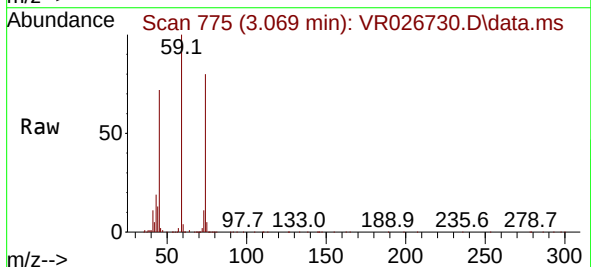
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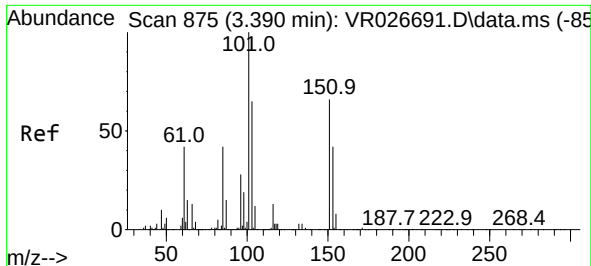
Tgt Ion:101 Resp: 529042
Ion Ratio Lower Upper
101 100
103 68.3 49.4 74.2



#8
Diethyl Ether
Concen: 55.173 ug/l
RT: 3.069 min Scan# 775
Delta R.T. -0.016 min
Lab File: VR026730.D
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Tgt Ion: 74 Resp: 193222
Ion Ratio Lower Upper
74 100
45 90.8 47.1 141.3

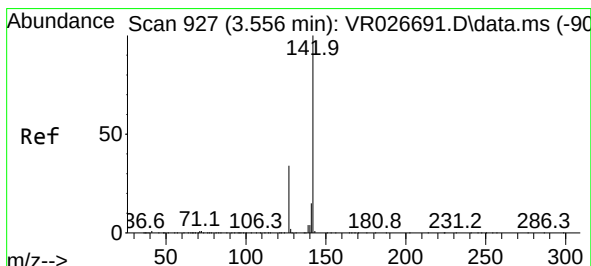
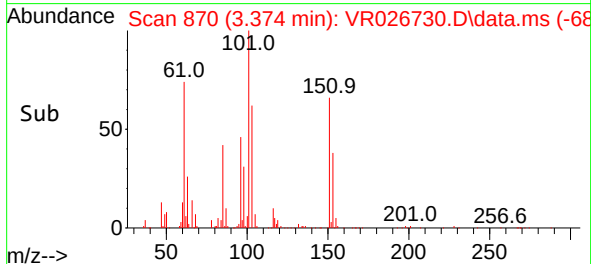
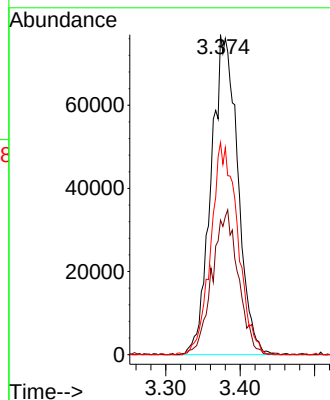
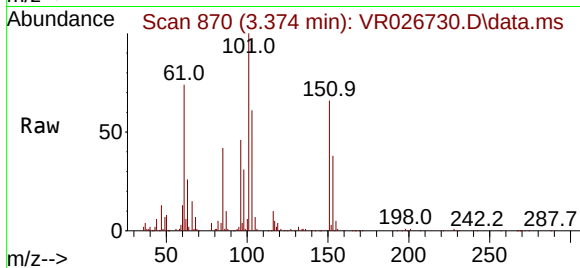




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.016 ug/l
RT: 3.374 min Scan# 81
Delta R.T. -0.016 min
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Acq: 7 Aug 2025 16:34

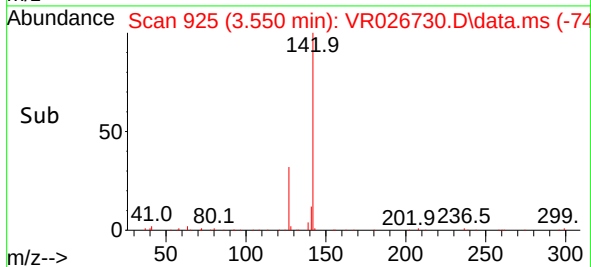
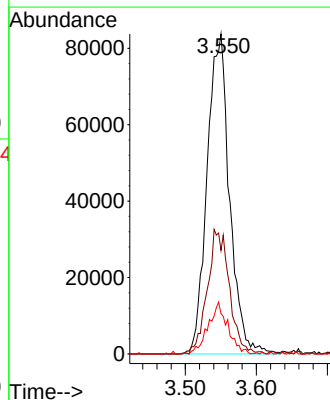
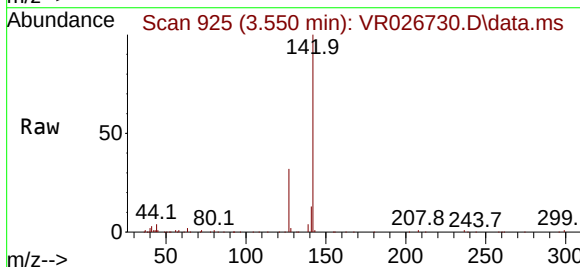
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

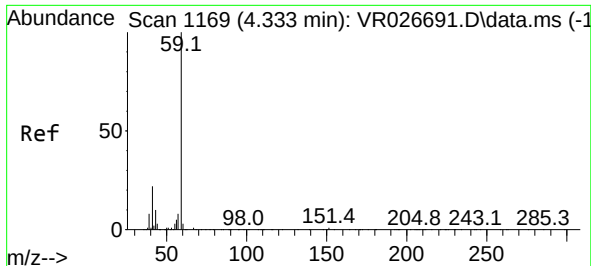
Tgt Ion:101 Resp: 191682
Ion Ratio Lower Upper
101 100
85 44.3 34.5 51.7
151 66.4 53.4 80.0



#10
Methyl Iodide
Concen: 44.735 ug/l
RT: 3.550 min Scan# 925
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:142 Resp: 183840
Ion Ratio Lower Upper
142 100
127 38.0 30.1 45.1
141 14.1 10.8 16.2

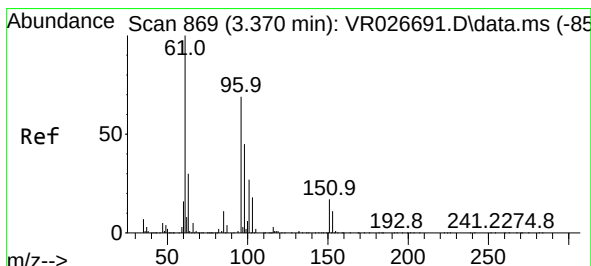
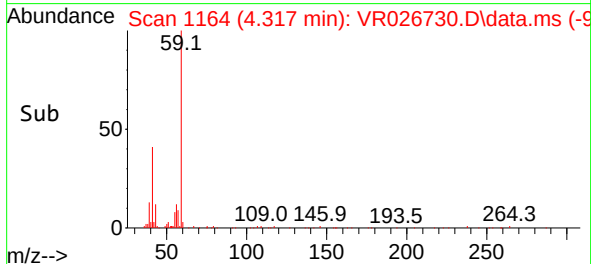
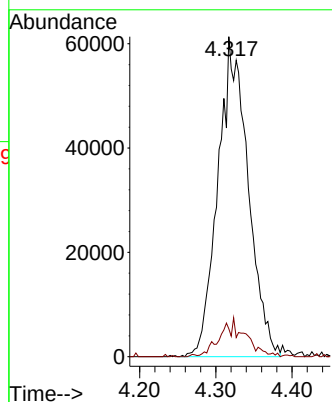
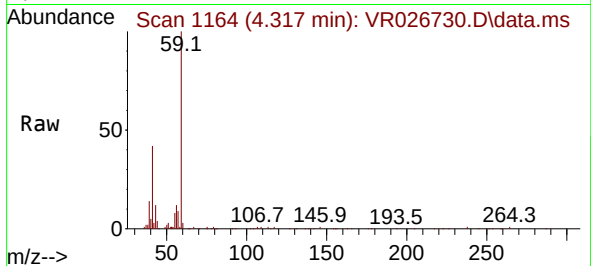




#11
Tert butyl alcohol
Concen: 214.680 ug/l
RT: 4.317 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

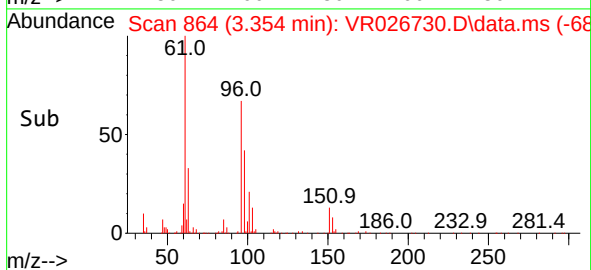
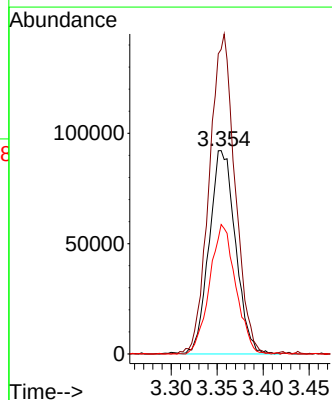
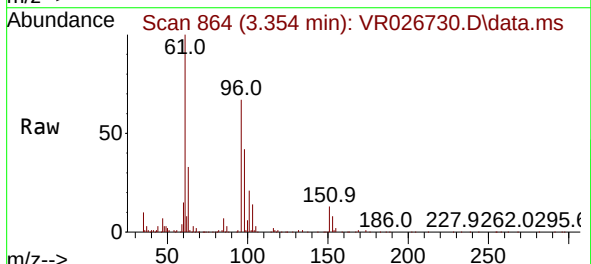
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

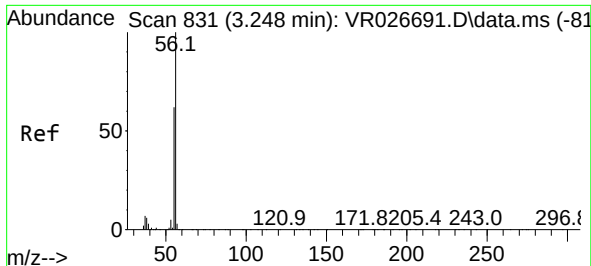
Tgt Ion: 59 Resp: 168162
Ion Ratio Lower Upper
59 100
57 4.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 43.653 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 96 Resp: 183684
Ion Ratio Lower Upper
96 100
61 148.9 116.2 174.4
98 63.6 52.3 78.5

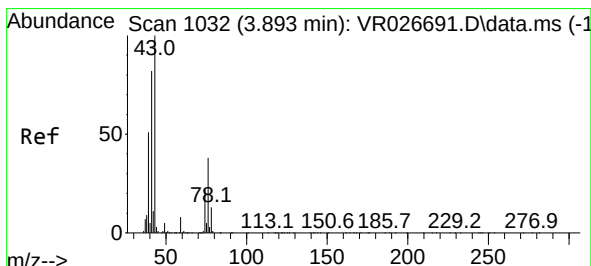
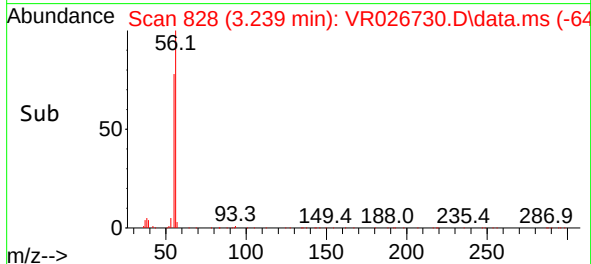
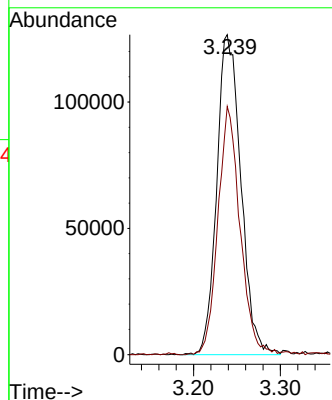
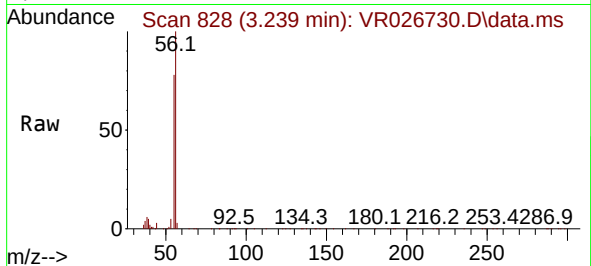




#13
Acrolein
Concen: 213.384 ug/l
RT: 3.239 min Scan# 81
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

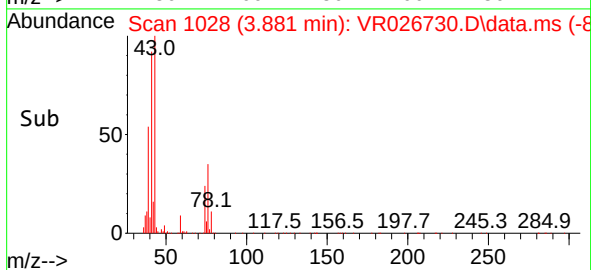
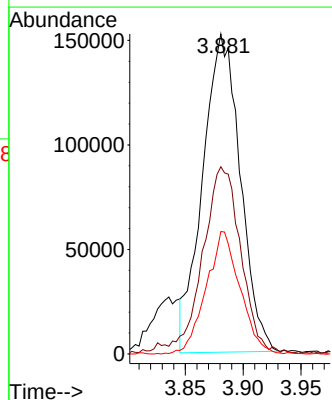
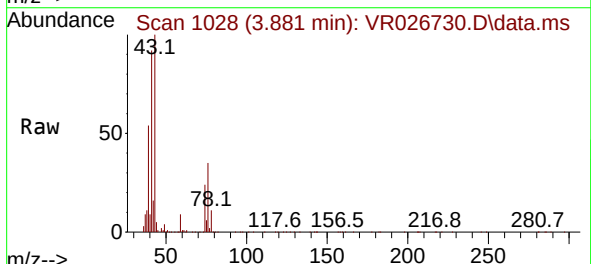
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

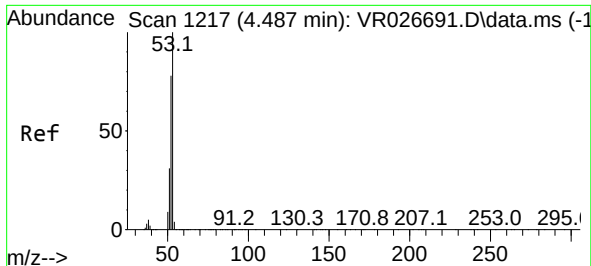
Tgt Ion: 56 Resp: 244333
Ion Ratio Lower Upper
56 100
55 71.1 53.8 80.8



#14
Allyl chloride
Concen: 41.609 ug/l
RT: 3.881 min Scan# 1028
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 41 Resp: 344447
Ion Ratio Lower Upper
41 100
39 58.5 44.2 66.2
76 34.7 31.0 46.4





#15

Acrylonitrile

Concen: 262.929 ug/l

RT: 4.477 min Scan# 11

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

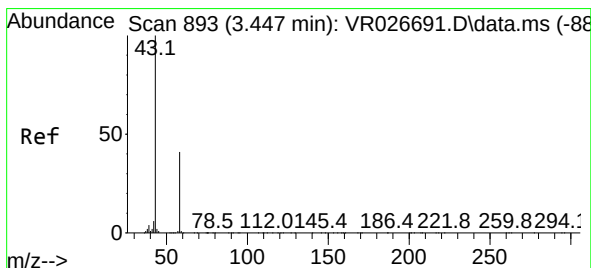
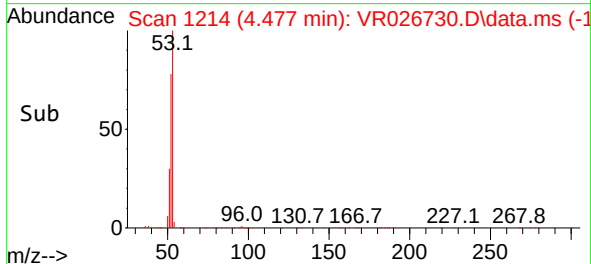
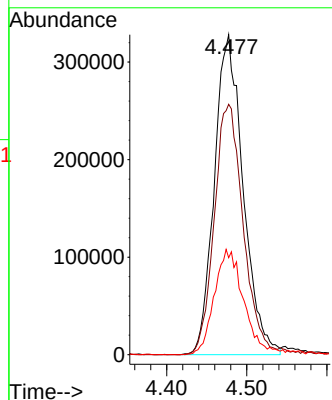
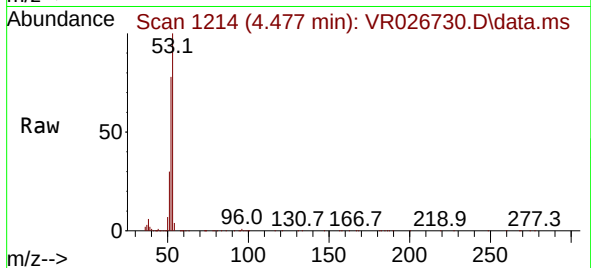
Tgt Ion: 53 Resp: 817550

Ion Ratio Lower Upper

53 100

52 78.4 61.4 92.2

51 33.6 25.8 38.6



#16

Acetone

Concen: 261.492 ug/l

RT: 3.435 min Scan# 889

Delta R.T. -0.013 min

Lab File: VR026730.D

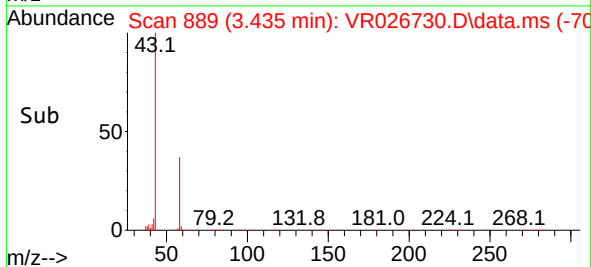
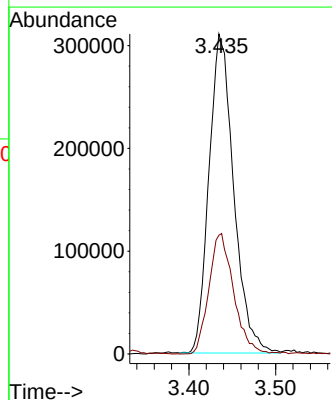
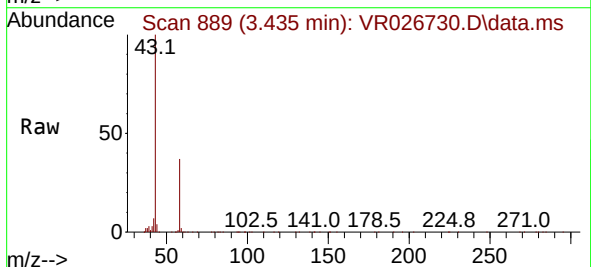
Acq: 7 Aug 2025 16:34

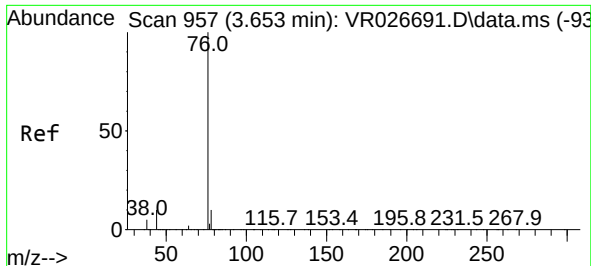
Tgt Ion: 43 Resp: 614446

Ion Ratio Lower Upper

43 100

58 37.2 32.9 49.3

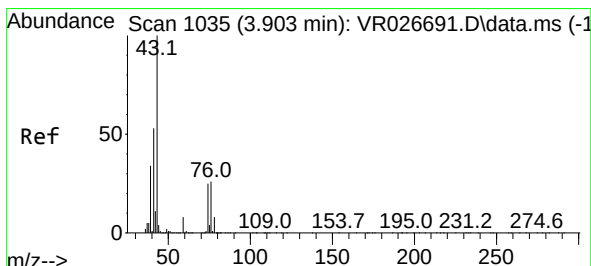
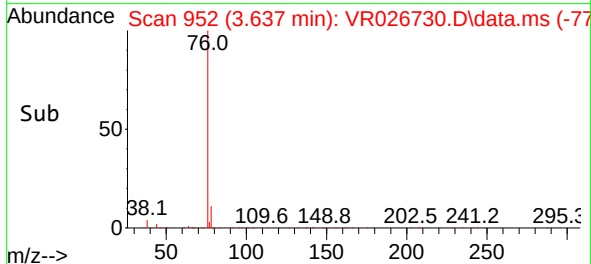
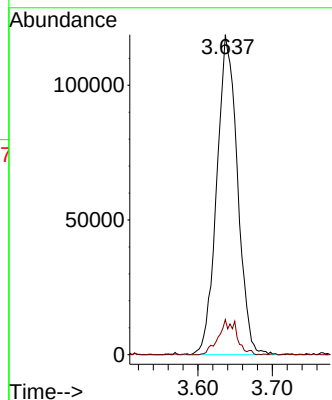
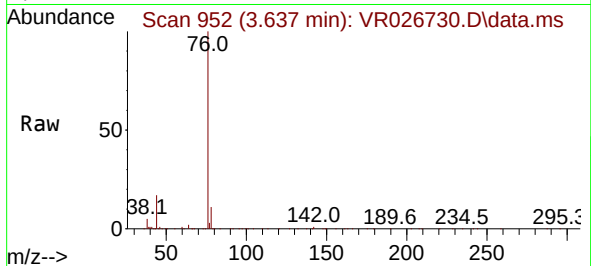




#17
Carbon Disulfide
Concen: 36.874 ug/l
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

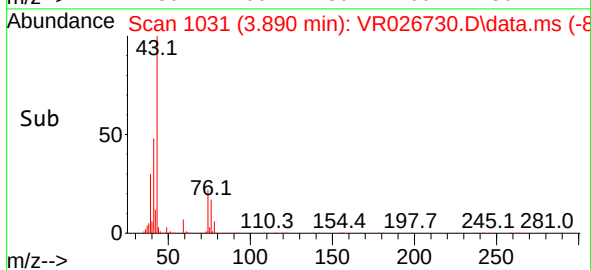
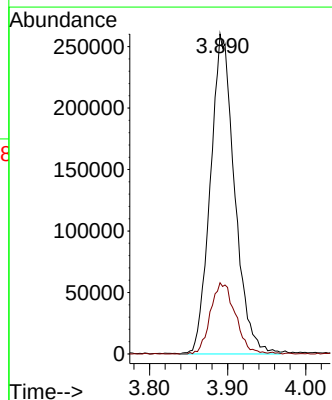
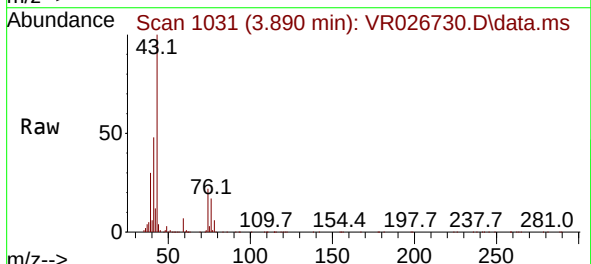
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

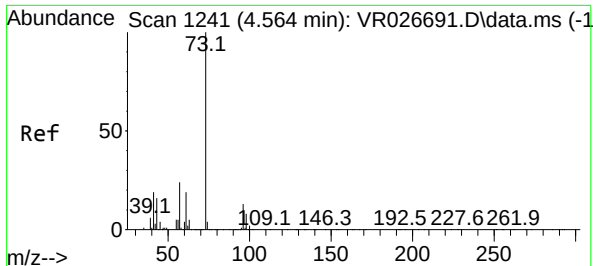
Tgt Ion: 76 Resp: 229678
Ion Ratio Lower Upper
76 100
78 11.0 7.8 11.6



#18
Methyl Acetate
Concen: 57.185 ug/l
RT: 3.890 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 43 Resp: 560829
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.0

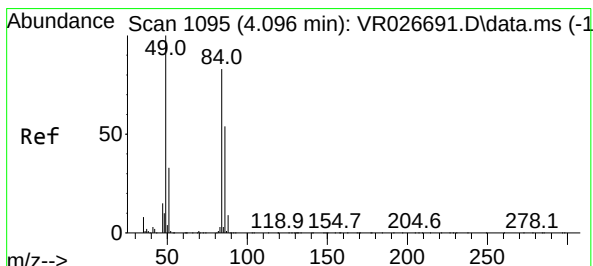
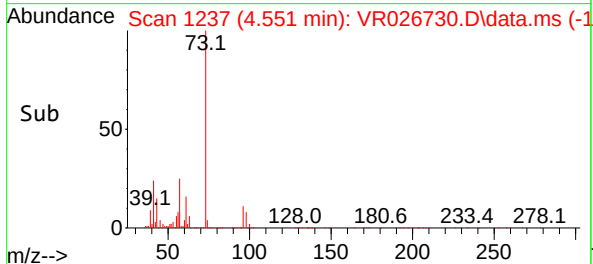
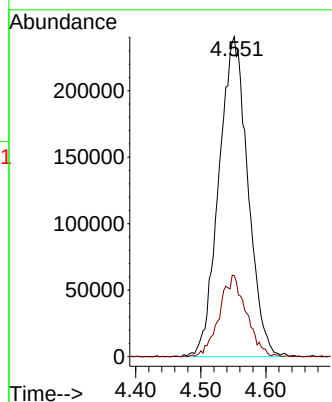
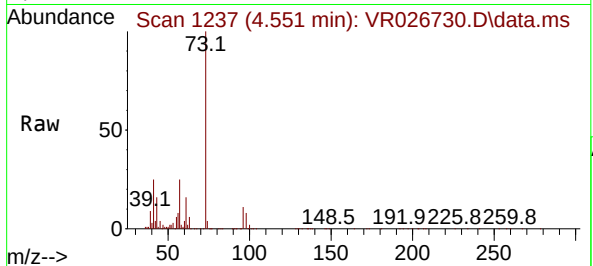




#19
Methyl tert-butyl Ether
Concen: 44.211 ug/l
RT: 4.551 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

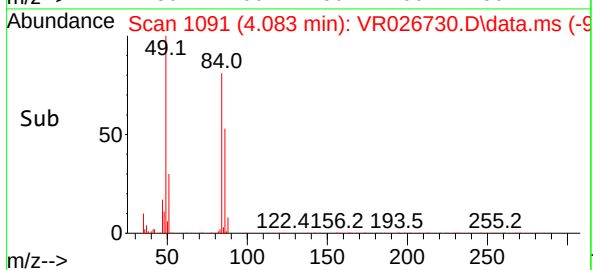
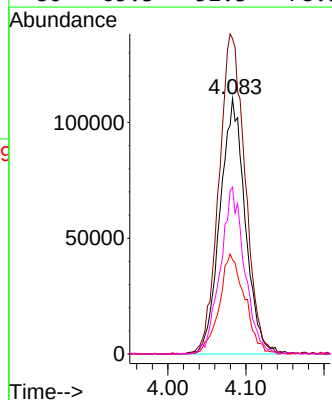
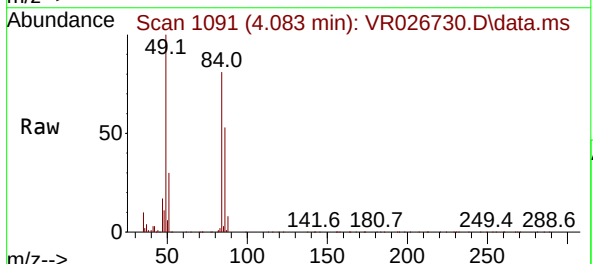
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

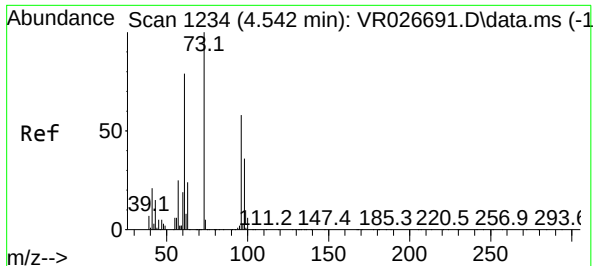
Tgt Ion: 73 Resp: 744487
Ion Ratio Lower Upper
73 100
57 25.4 19.4 29.0



#20
Methylene Chloride
Concen: 44.269 ug/l
RT: 4.083 min Scan# 1091
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 84 Resp: 246860
Ion Ratio Lower Upper
84 100
49 123.5 96.2 144.4
51 37.0 31.8 47.6
86 65.3 52.3 78.5

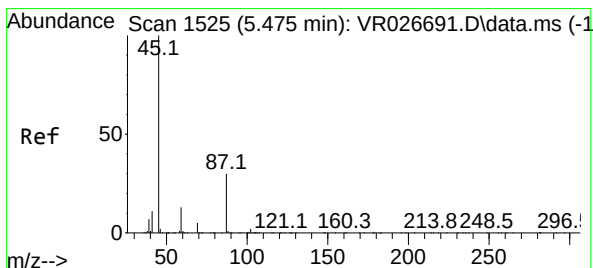
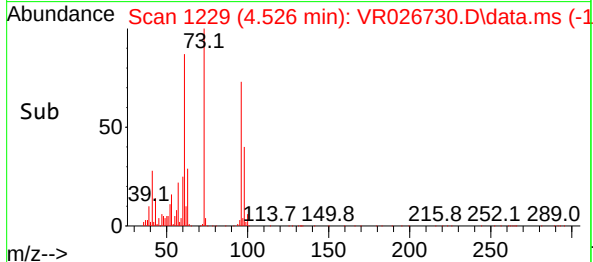
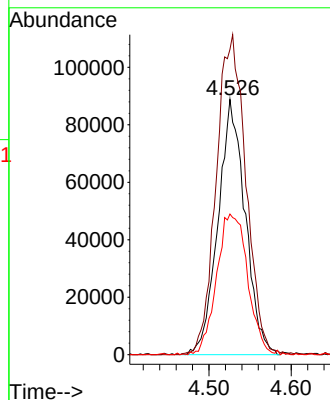
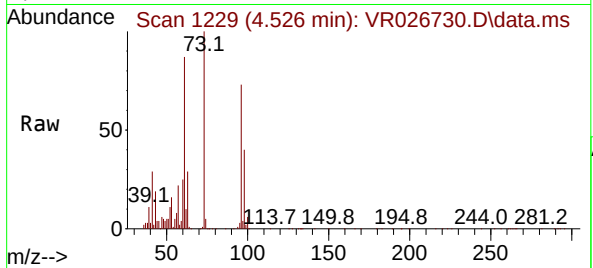




#21
trans-1,2-Dichloroethene
Concen: 43.961 ug/l
RT: 4.526 min Scan# 111
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

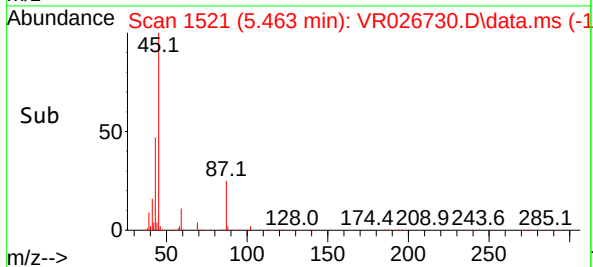
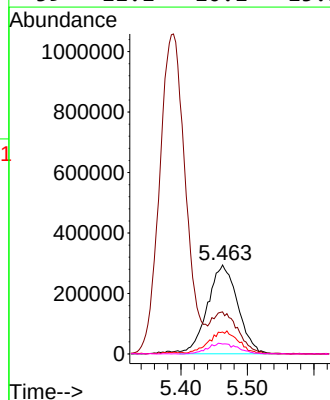
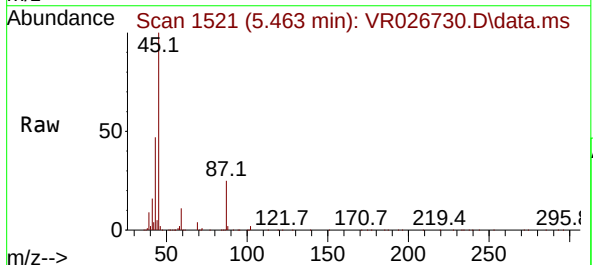
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

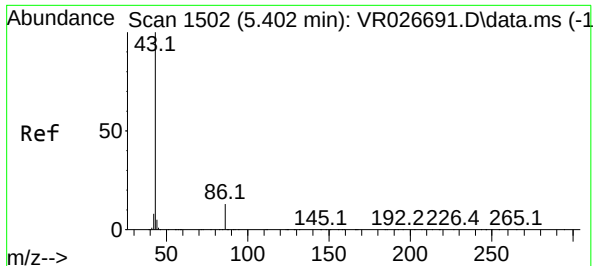
Tgt Ion: 96 Resp: 203350
Ion Ratio Lower Upper
96 100
61 119.5 110.3 165.5
98 55.1 50.2 75.4



#22
Diisopropyl ether
Concen: 47.690 ug/l
RT: 5.463 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 45 Resp: 925120
Ion Ratio Lower Upper
45 100
43 46.7 38.2 57.2
87 24.5 24.0 36.0
59 11.1 10.1 15.1

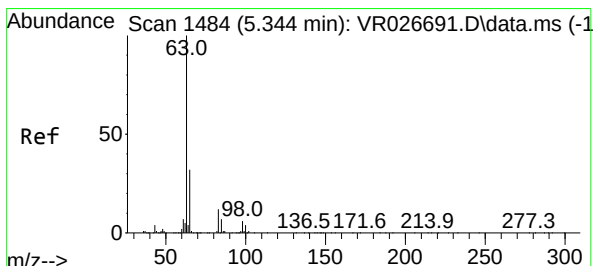
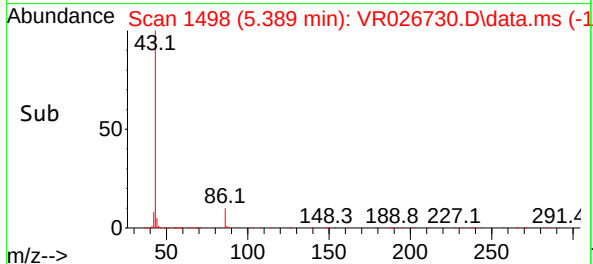
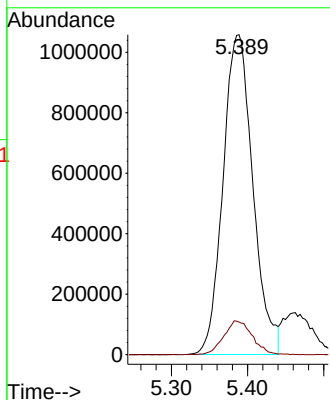
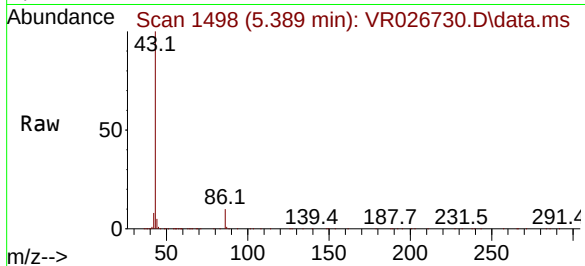




#23
 Vinyl Acetate
 Concen: 260.779 ug/l
 RT: 5.389 min Scan# 1498
 Delta R.T. -0.013 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

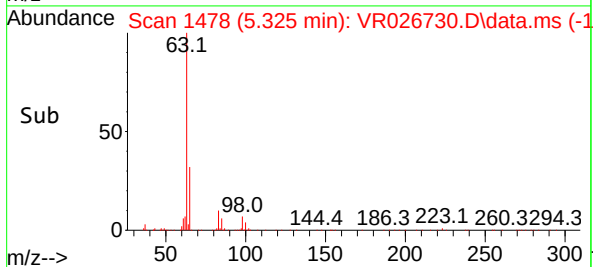
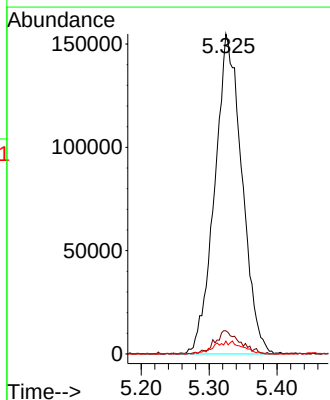
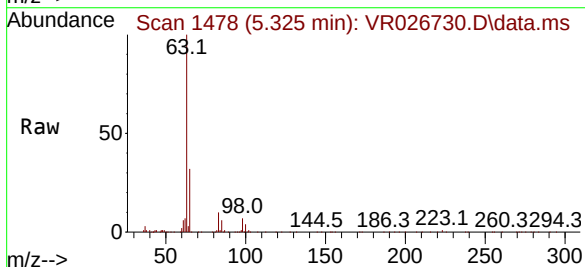
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

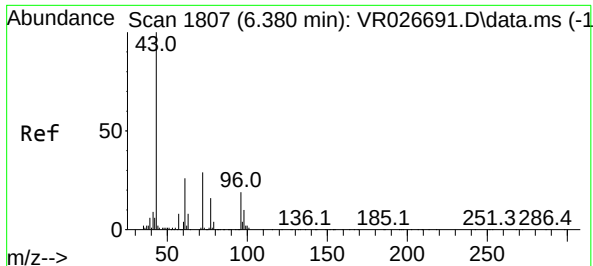
Tgt Ion: 43 Resp: 2884402
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 44.018 ug/l
 RT: 5.325 min Scan# 1478
 Delta R.T. -0.019 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Tgt Ion: 63 Resp: 432426
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.8
 100 4.0 1.8 5.4

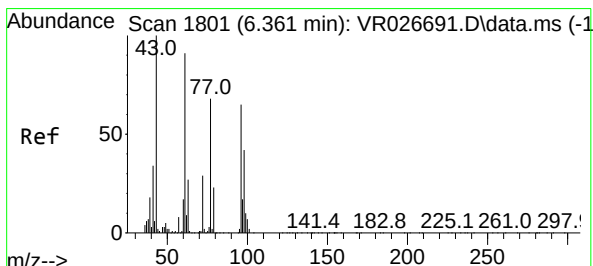
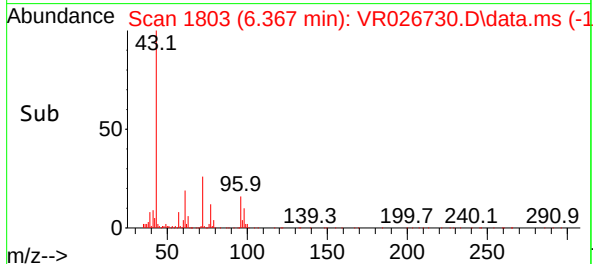
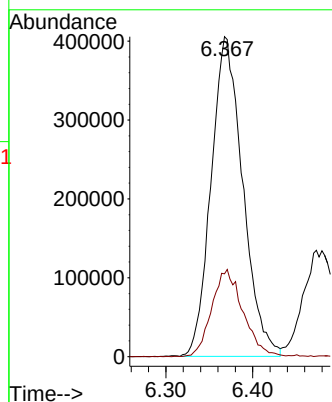
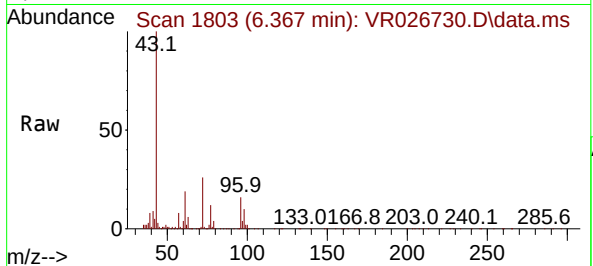




#25
2-Butanone
Concen: 282.238 ug/l
RT: 6.367 min Scan# 1796
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

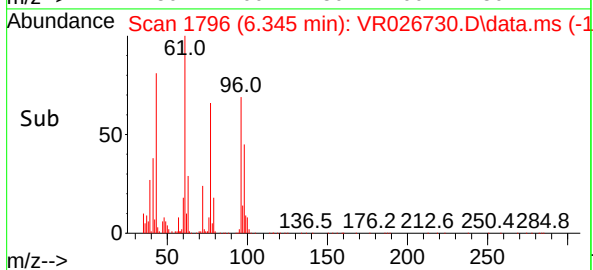
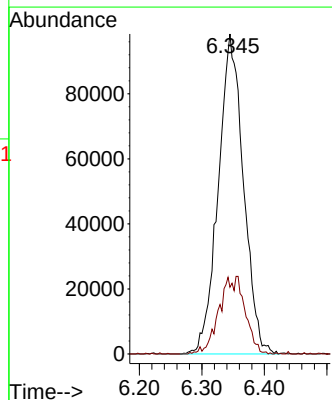
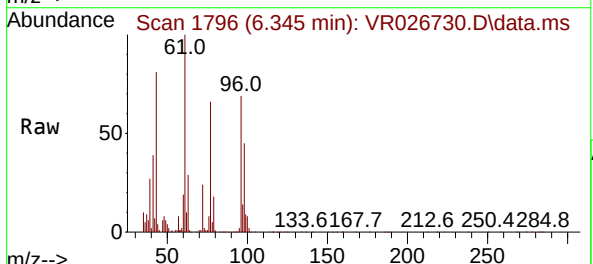
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

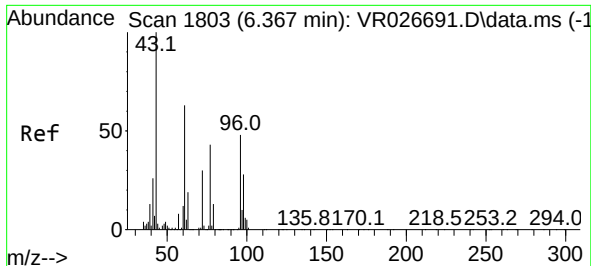
Tgt Ion: 43 Resp: 1026489
Ion Ratio Lower Upper
43 100
72 25.9 23.1 34.7



#26
2,2-Dichloropropane
Concen: 40.492 ug/l
RT: 6.345 min Scan# 1796
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 77 Resp: 274991
Ion Ratio Lower Upper
77 100
97 13.4 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 46.737 ug/l

RT: 6.348 min Scan# 1

Delta R.T. -0.019 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

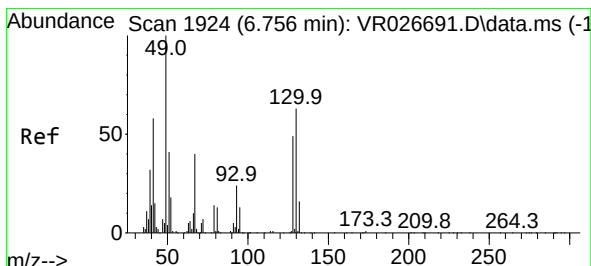
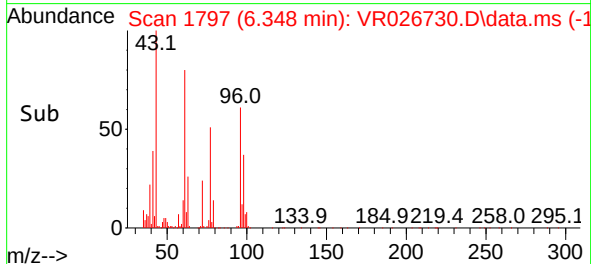
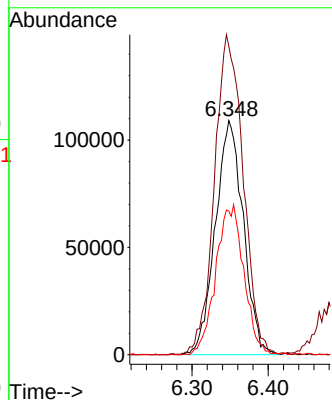
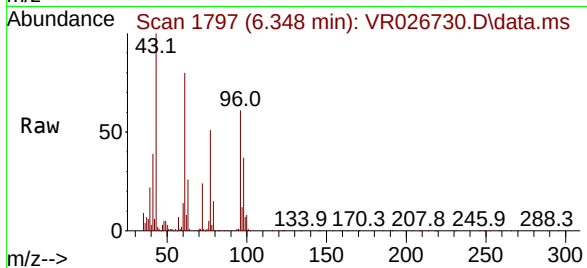
Tgt Ion: 96 Resp: 278137

Ion Ratio Lower Upper

96 100

61 140.2 0.0 279.8

98 64.1 0.0 125.2



#28

Bromochloromethane

Concen: 43.741 ug/l

RT: 6.746 min Scan# 1921

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

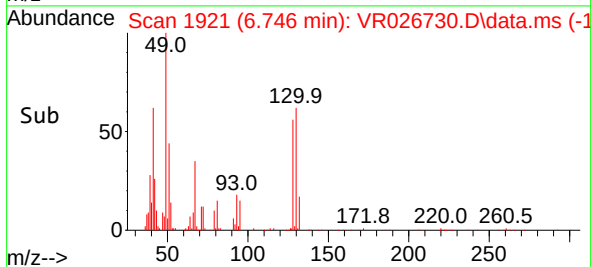
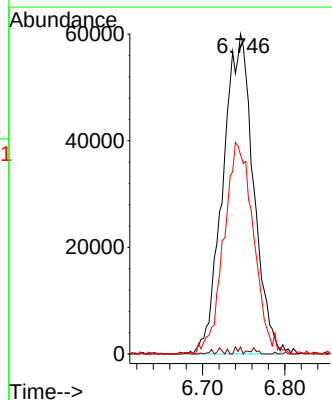
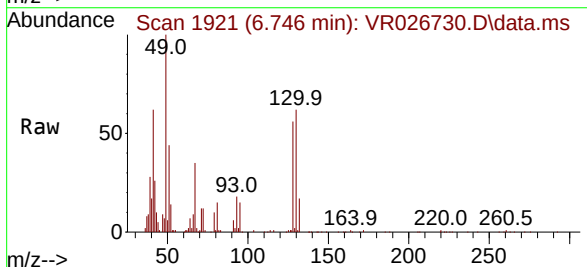
Tgt Ion: 49 Resp: 154840

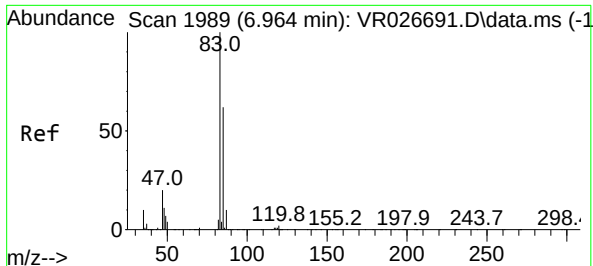
Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.4

130 64.6 52.2 78.4





#29

Chloroform

Concen: 49.230 ug/l

RT: 6.952 min Scan# 1989

Delta R.T. -0.013 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

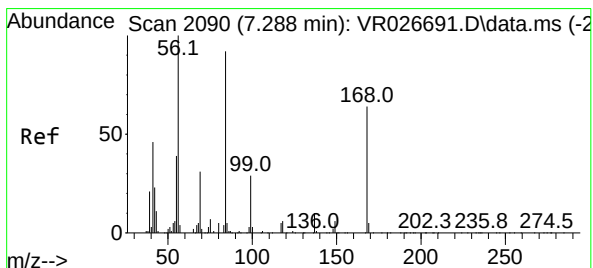
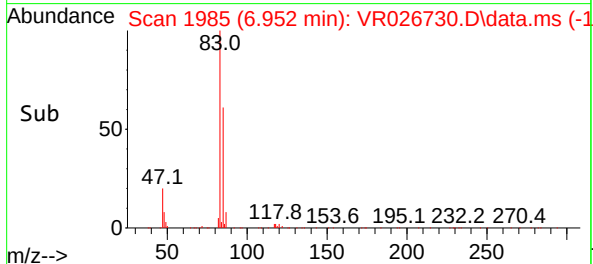
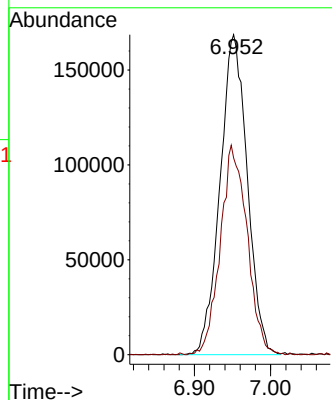
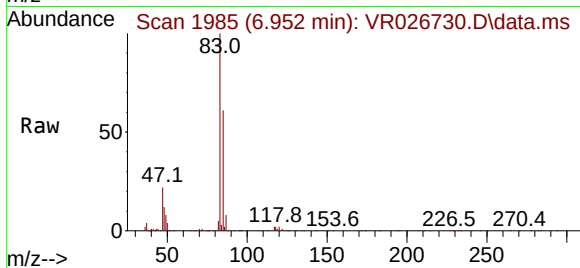
VSTDCCC050EC

Tgt Ion: 83 Resp: 418927

Ion Ratio Lower Upper

83 100

85 61.2 49.6 74.4



#30

Cyclohexane

Concen: 41.514 ug/l

RT: 7.276 min Scan# 2086

Delta R.T. -0.013 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

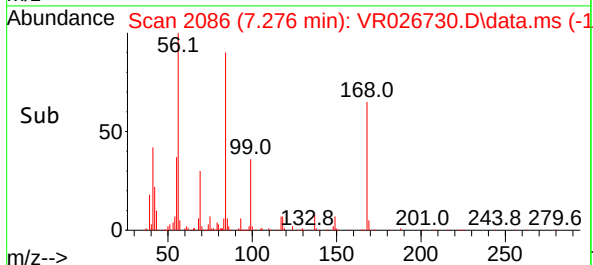
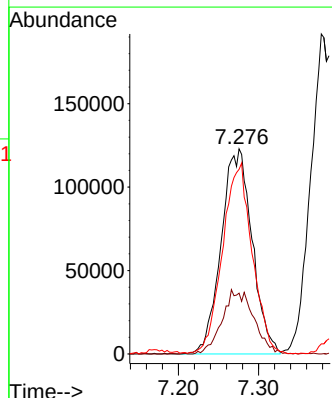
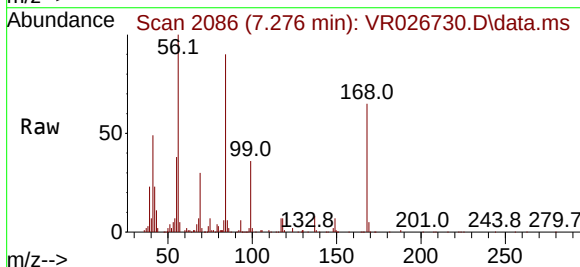
Tgt Ion: 56 Resp: 329348

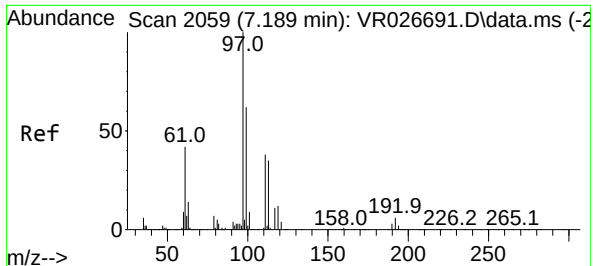
Ion Ratio Lower Upper

56 100

69 29.3 24.8 37.2

84 89.7 73.1 109.7

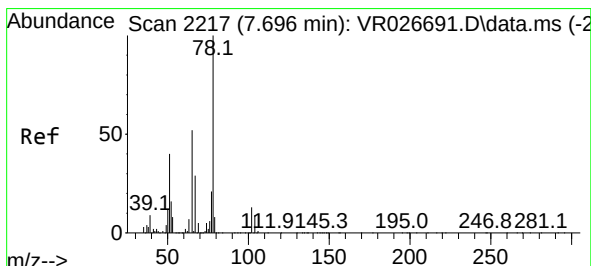
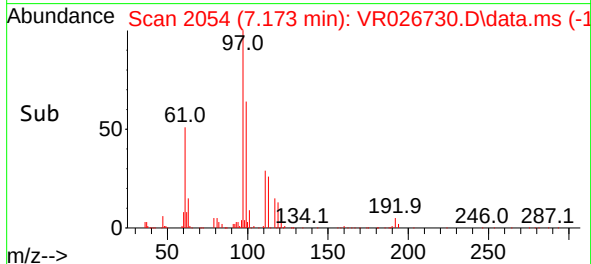
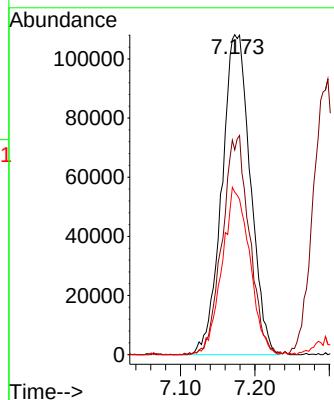
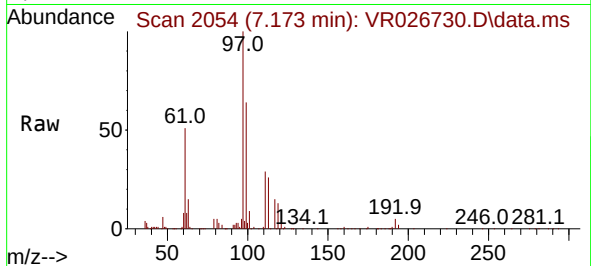




#31
 1,1,1-Trichloroethane
 Concen: 47.019 ug/l
 RT: 7.173 min Scan# 2054
 Delta R.T. -0.016 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

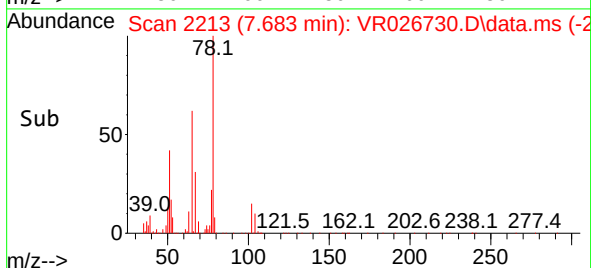
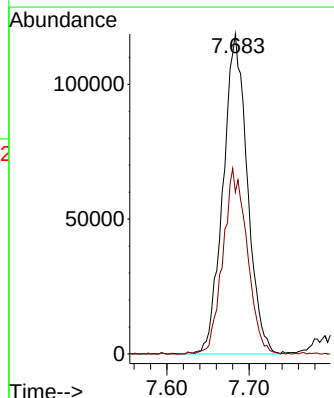
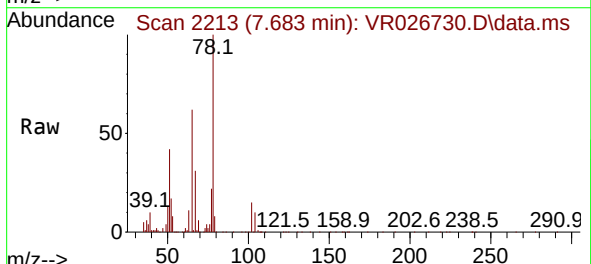
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

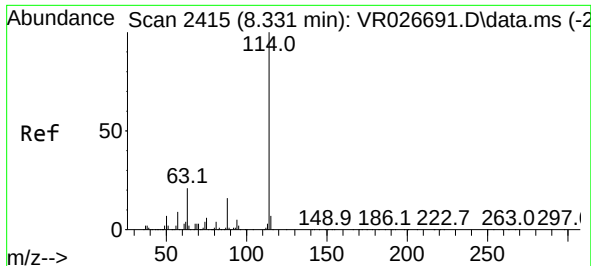
Tgt Ion: 97 Resp: 289029
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.0 76.6
 61 50.7 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 48.685 ug/l
 RT: 7.683 min Scan# 2213
 Delta R.T. -0.013 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Tgt Ion: 65 Resp: 243741
 Ion Ratio Lower Upper
 65 100
 67 57.8 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.325 min Scan# 2415

Delta R.T. -0.006 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

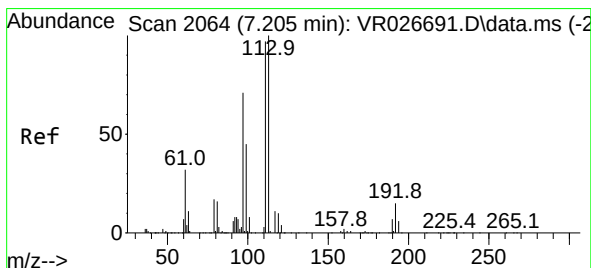
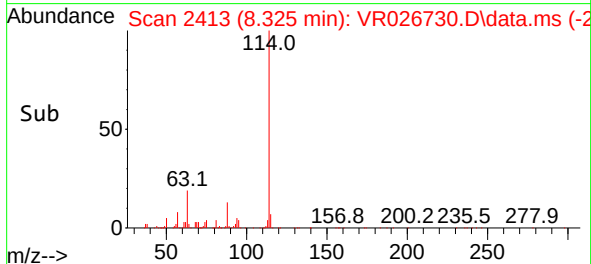
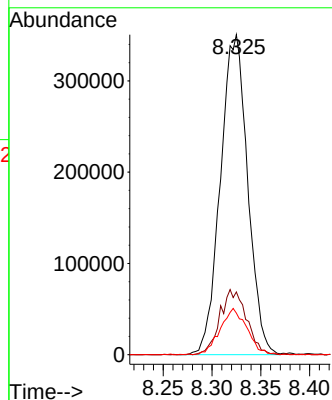
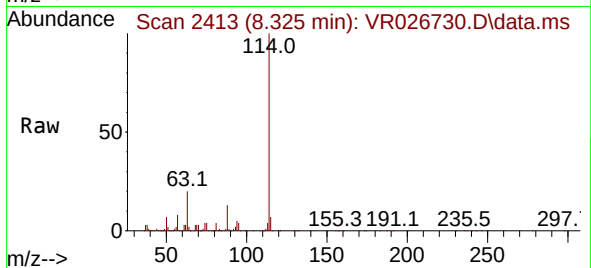
Tgt Ion:114 Resp: 681010

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 12.9 0.0 32.6



#34

Dibromofluoromethane

Concen: 49.032 ug/l

RT: 7.199 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

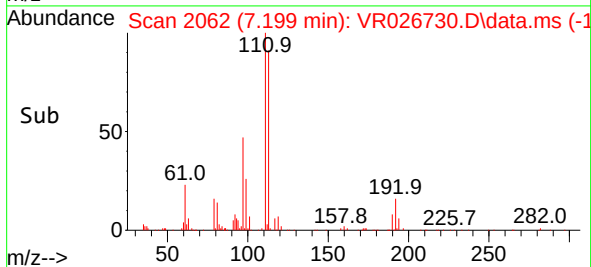
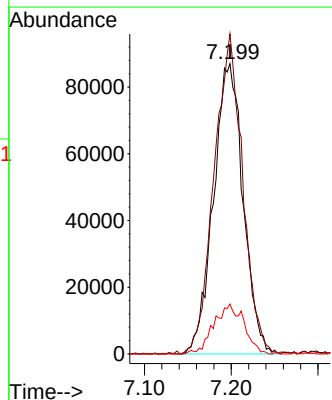
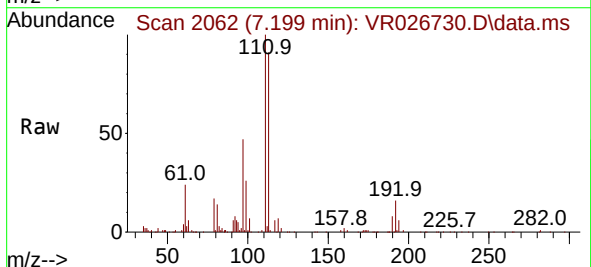
Tgt Ion:113 Resp: 206530

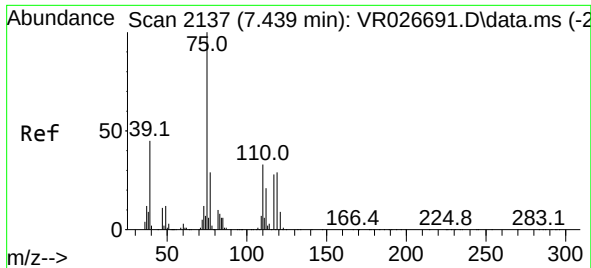
Ion Ratio Lower Upper

113 100

111 105.9 81.7 122.5

192 17.5 12.3 18.5

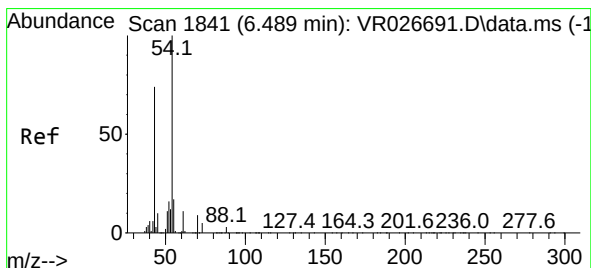
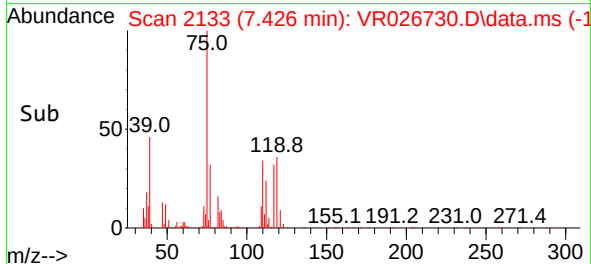
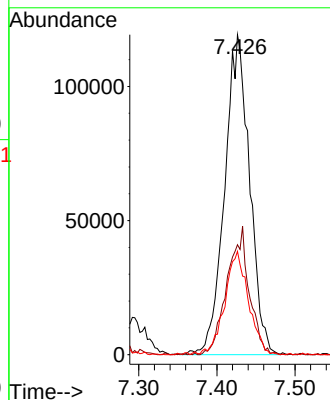
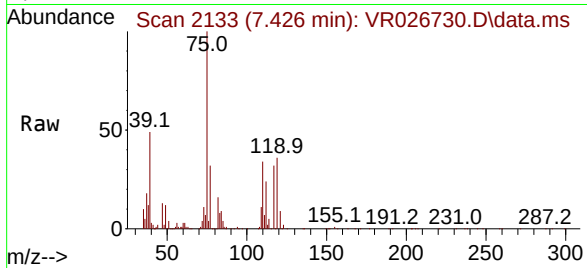




#35
 1,1-Dichloropropene
 Concen: 49.905 ug/l
 RT: 7.426 min Scan# 2137
 Delta R.T. -0.013 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

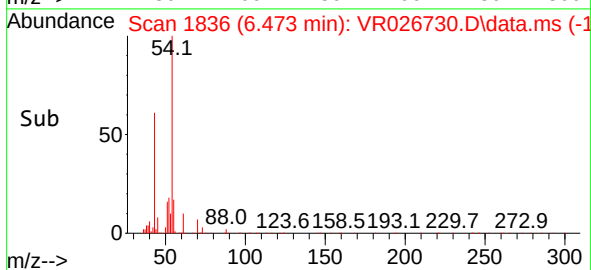
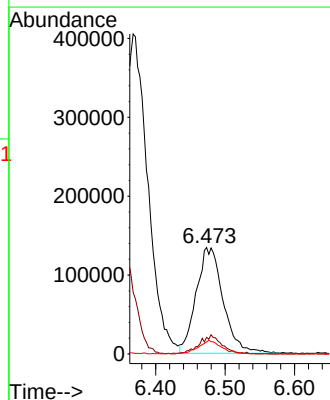
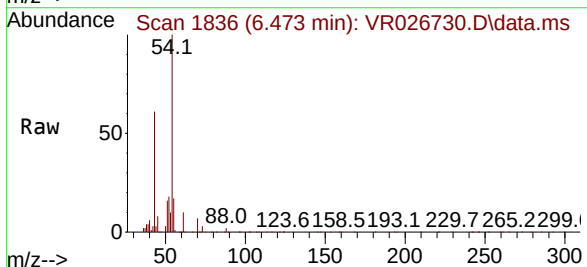
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

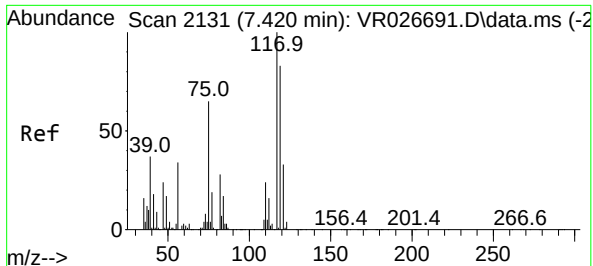
Tgt Ion: 75 Resp: 265183
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.0 50.9
 77 30.6 24.6 37.0



#36
 Ethyl Acetate
 Concen: 56.776 ug/l
 RT: 6.473 min Scan# 1836
 Delta R.T. -0.016 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Tgt Ion: 43 Resp: 361180
 Ion Ratio Lower Upper
 43 100
 61 15.2 12.0 18.0
 70 11.0 9.0 13.6

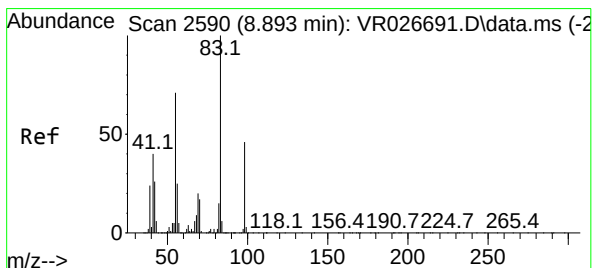
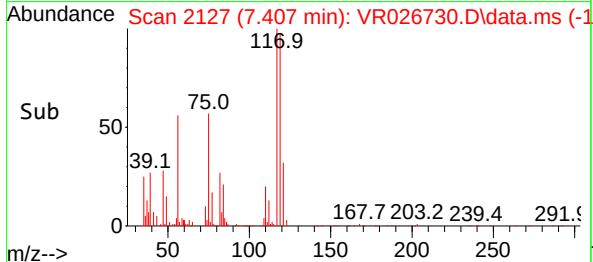
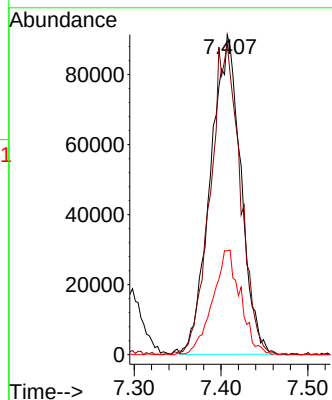
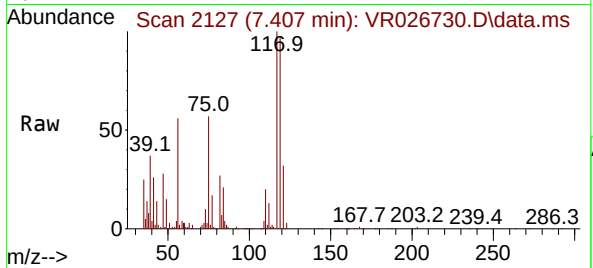




#37
Carbon Tetrachloride
Concen: 51.202 ug/l
RT: 7.407 min Scan# 2131
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

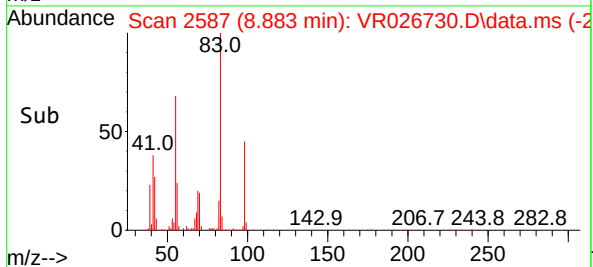
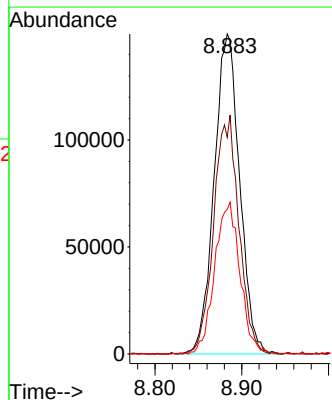
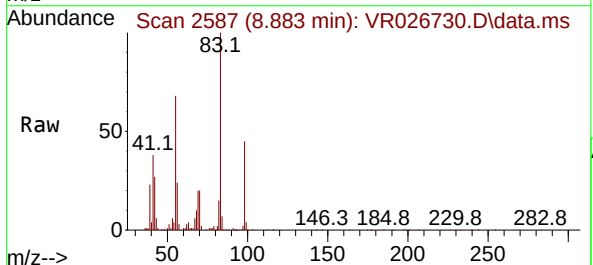
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

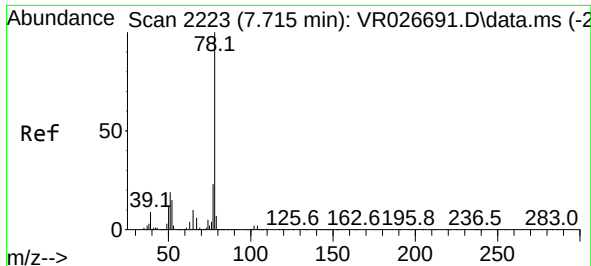
Tgt Ion:117 Resp: 221583
Ion Ratio Lower Upper
117 100
119 97.3 67.0 100.4
121 32.5 26.3 39.5



#38
Methylcyclohexane
Concen: 50.194 ug/l
RT: 8.883 min Scan# 2587
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 83 Resp: 305309
Ion Ratio Lower Upper
83 100
55 67.7 56.7 85.1
98 45.1 36.7 55.1

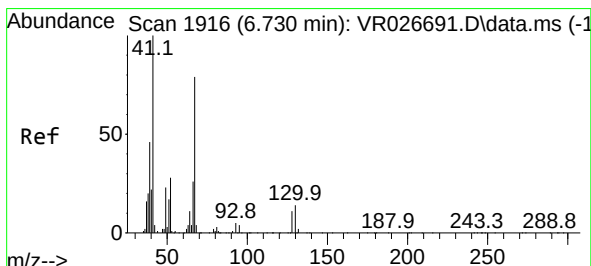
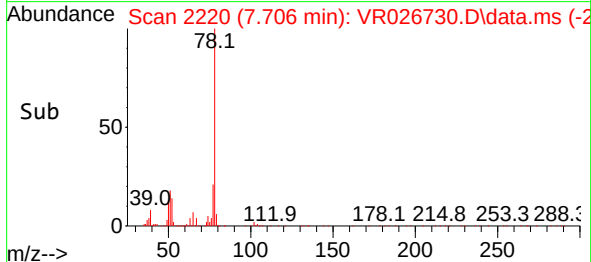
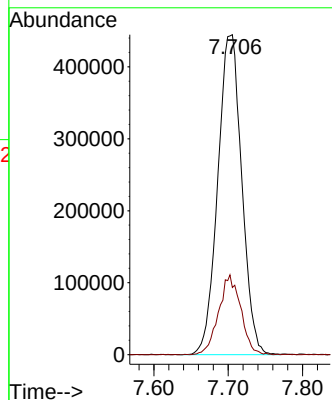
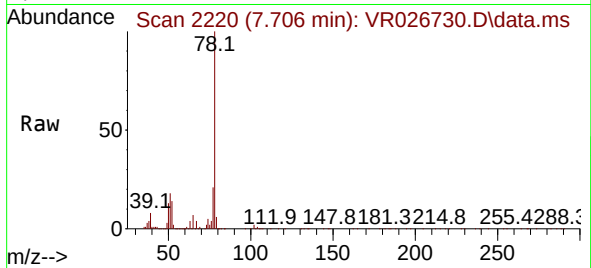




#39
Benzene
Concen: 52.087 ug/l
RT: 7.706 min Scan# 21
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

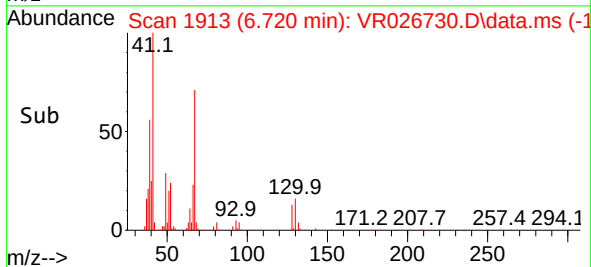
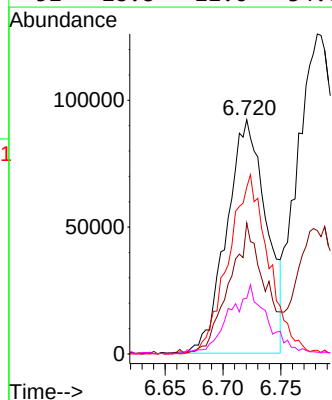
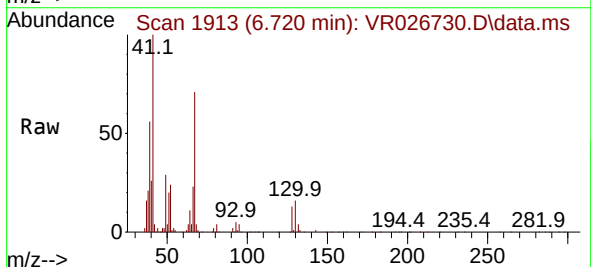
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

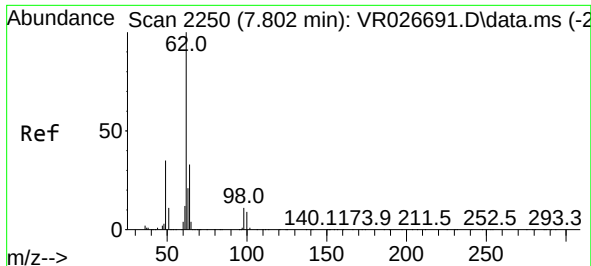
Tgt Ion: 78 Resp: 996727
Ion Ratio Lower Upper
78 100
77 21.0 18.8 28.2



#40
Methacrylonitrile
Concen: 55.391 ug/l
RT: 6.720 min Scan# 1913
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 41 Resp: 218985
Ion Ratio Lower Upper
41 100
39 50.4 42.4 63.6
67 78.1 65.6 98.4
52 28.8 22.6 34.0

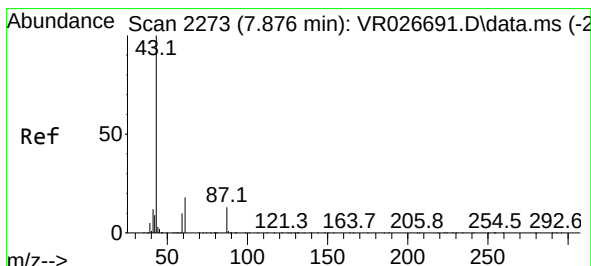
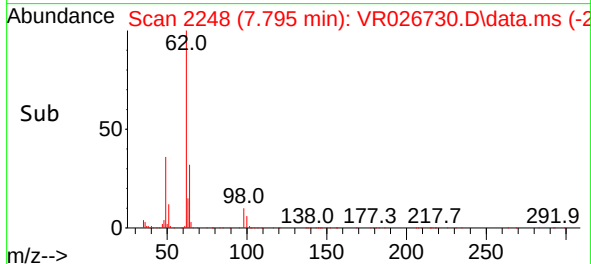
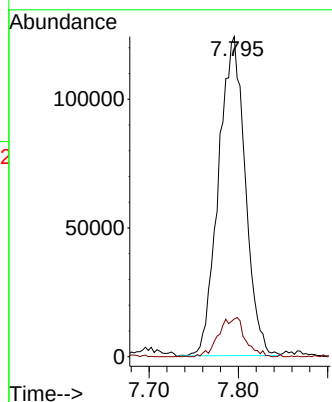
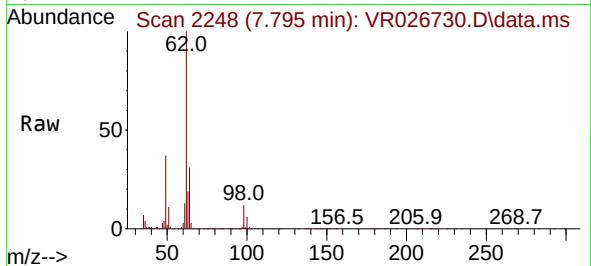




#41
1,2-Dichloroethane
Concen: 52.901 ug/l
RT: 7.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

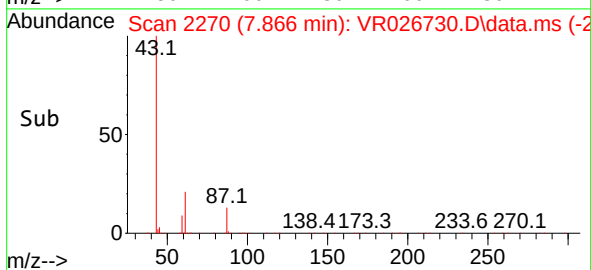
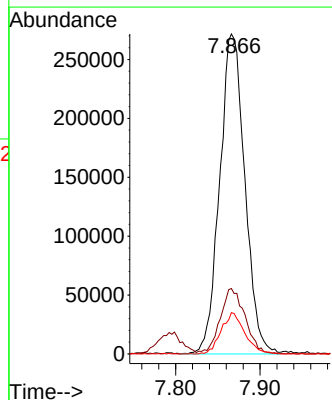
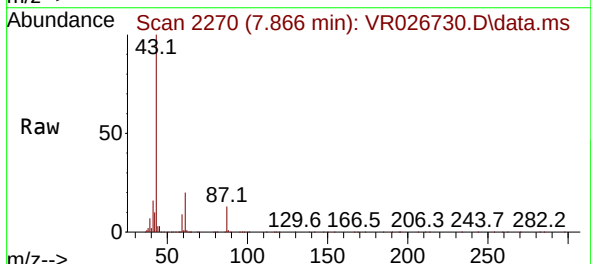
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

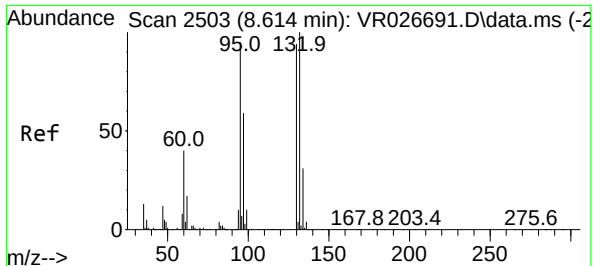
Tgt Ion: 62 Resp: 257482
Ion Ratio Lower Upper
62 100
98 12.1 0.0 22.2



#42
Isopropyl Acetate
Concen: 55.004 ug/l
RT: 7.866 min Scan# 2270
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 43 Resp: 562629
Ion Ratio Lower Upper
43 100
61 20.1 17.9 26.9
87 12.1 10.8 16.2

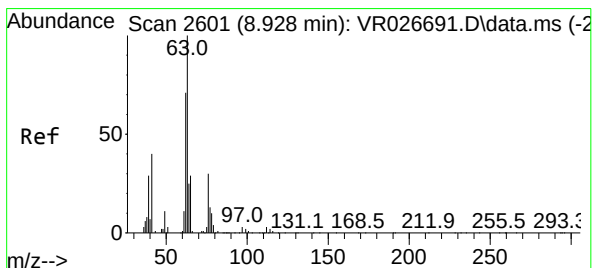
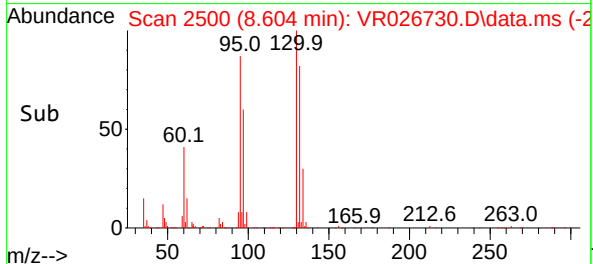
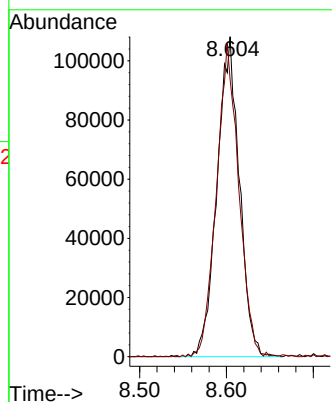
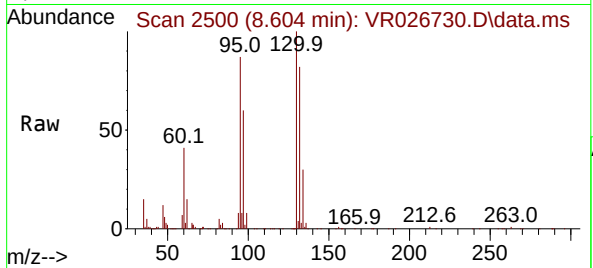




#43
Trichloroethene
Concen: 52.591 ug/l
RT: 8.604 min Scan# 21
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

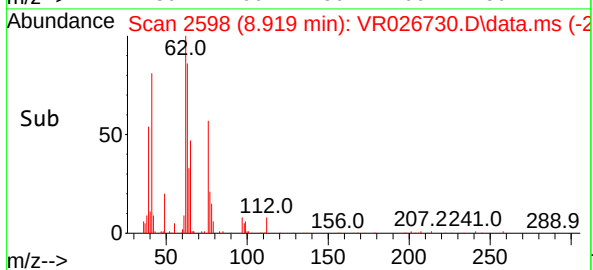
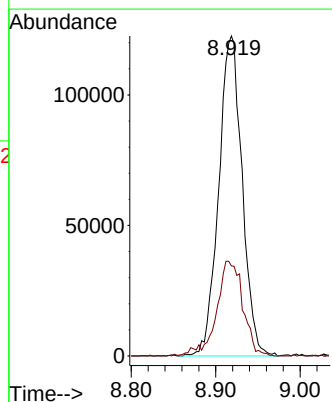
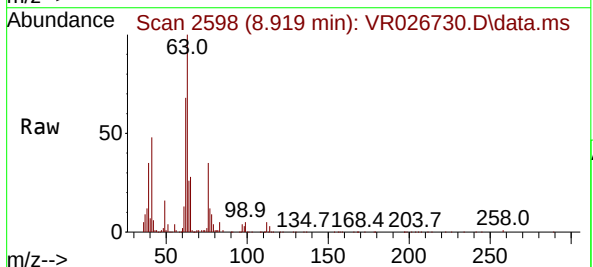
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

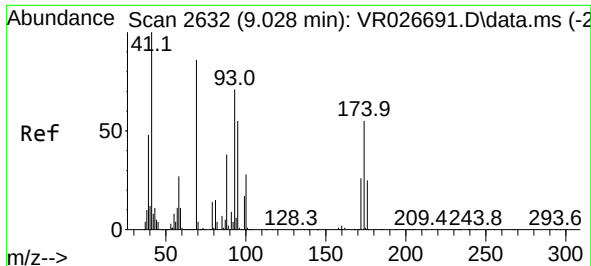
Tgt Ion:130 Resp: 193537
Ion Ratio Lower Upper
130 100
95 86.6 0.0 200.6



#44
1,2-Dichloropropane
Concen: 52.079 ug/l
RT: 8.919 min Scan# 2598
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 63 Resp: 235835
Ion Ratio Lower Upper
63 100
65 28.1 23.8 35.8

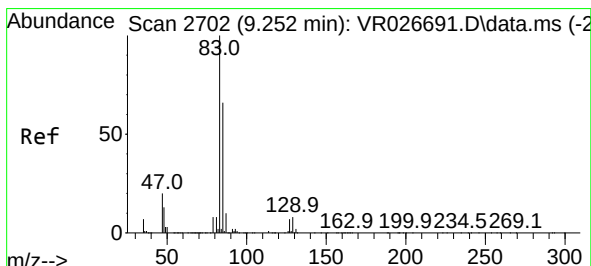
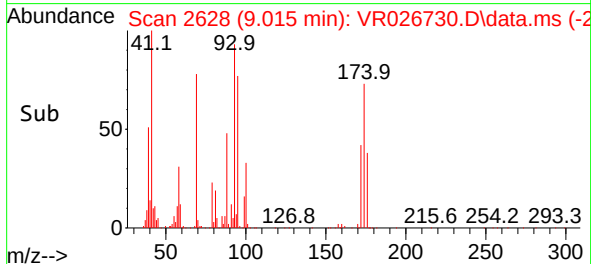
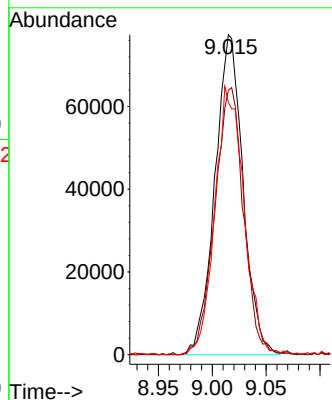
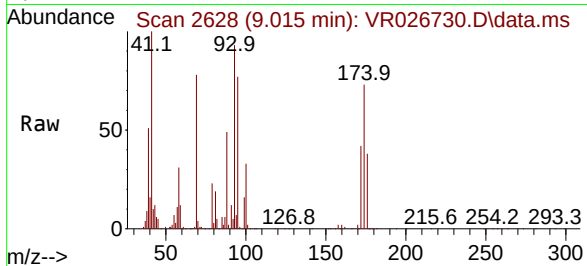




#45
Dibromomethane
Concen: 55.737 ug/l
RT: 9.015 min Scan# 2628
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

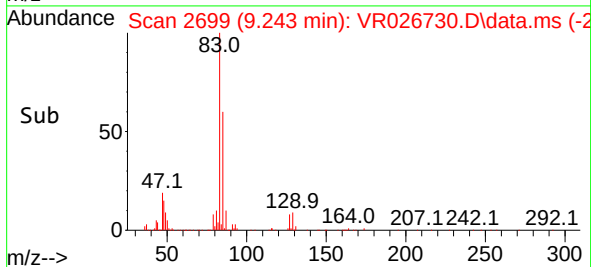
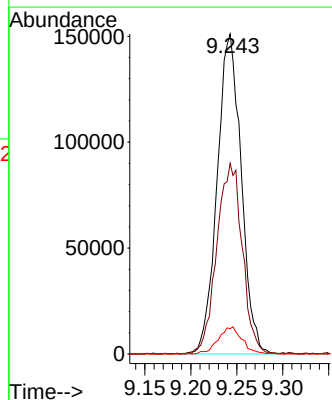
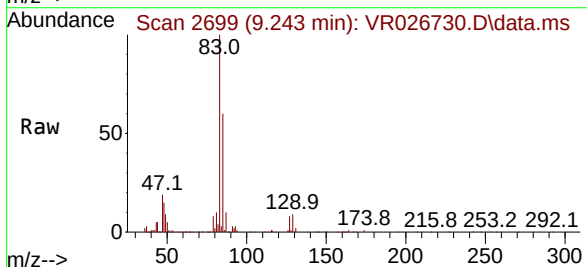
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

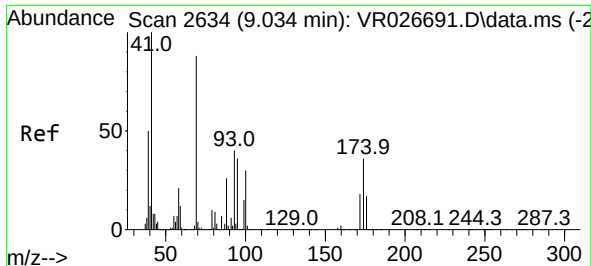
Tgt Ion: 93 Resp: 140368
Ion Ratio Lower Upper
93 100
95 85.4 69.4 104.0
174 86.4 66.9 100.3



#46
Bromodichloromethane
Concen: 56.425 ug/l
RT: 9.243 min Scan# 2699
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 83 Resp: 275330
Ion Ratio Lower Upper
83 100
85 59.5 52.6 78.8
127 7.9 5.5 8.3

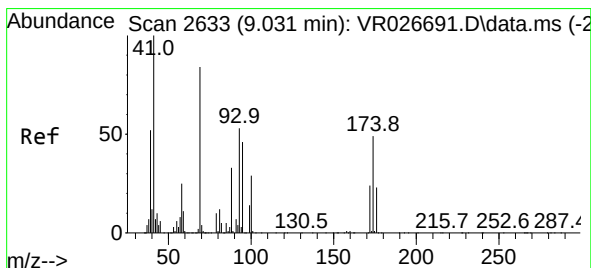
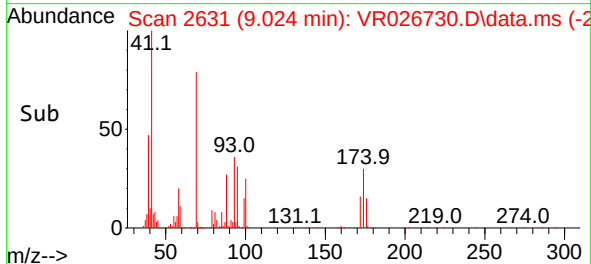
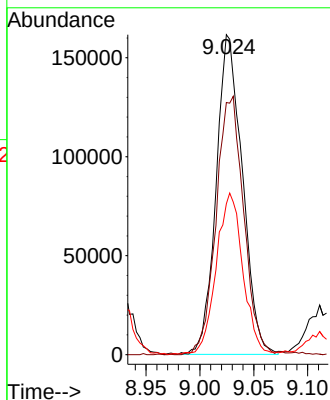
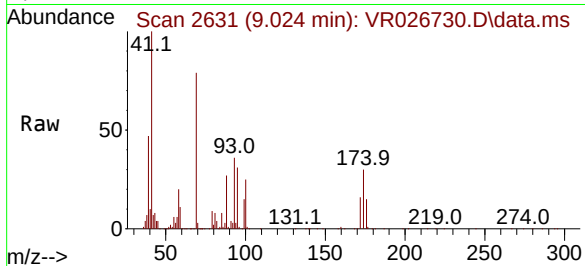




#47
Methyl methacrylate
Concen: 61.072 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

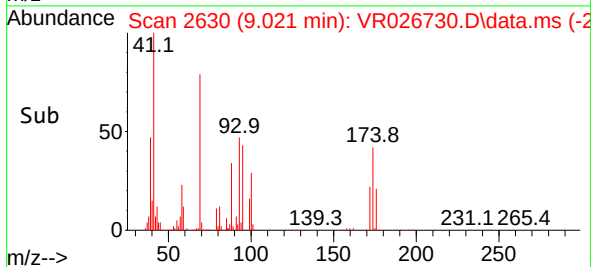
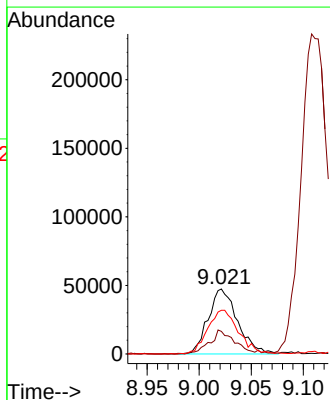
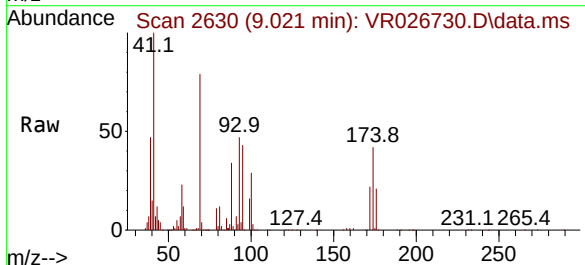
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

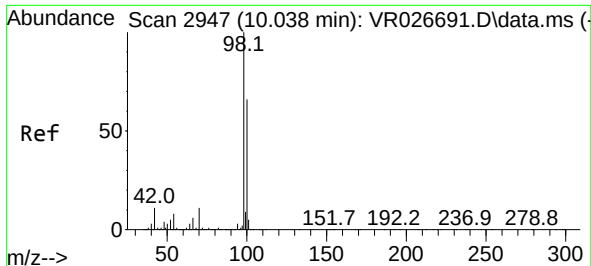
Tgt Ion: 41 Resp: 273411
Ion Ratio Lower Upper
41 100
69 84.9 69.8 104.6
39 51.2 39.4 59.2



#48
1,4-Dioxane
Concen: 1283.082 ug/l
RT: 9.021 min Scan# 2630
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 88 Resp: 92529
Ion Ratio Lower Upper
88 100
43 30.8 25.2 37.8
58 70.6 60.8 91.2

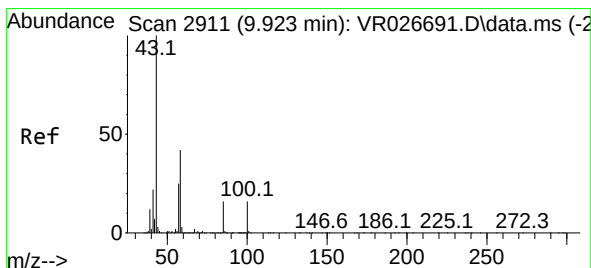
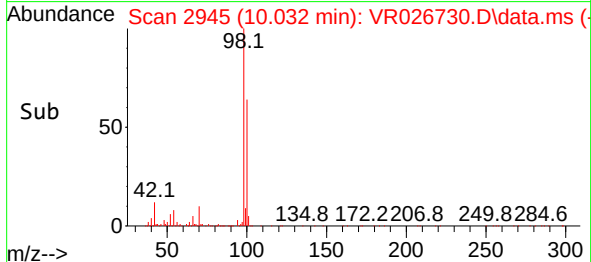
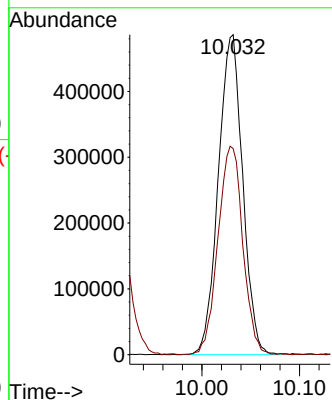
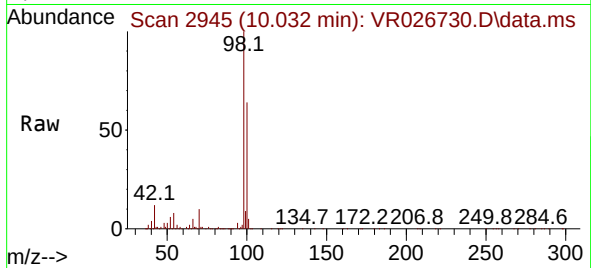




#49
Toluene-d8
Concen: 55.767 ug/l
RT: 10.032 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

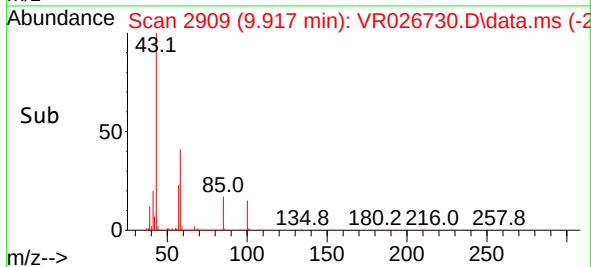
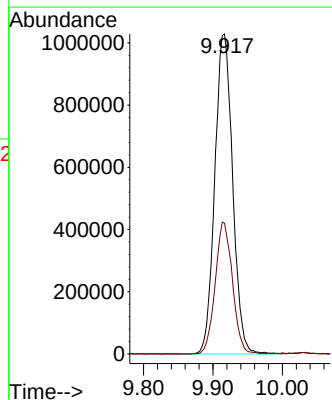
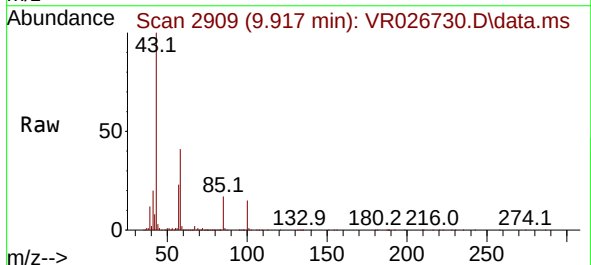
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

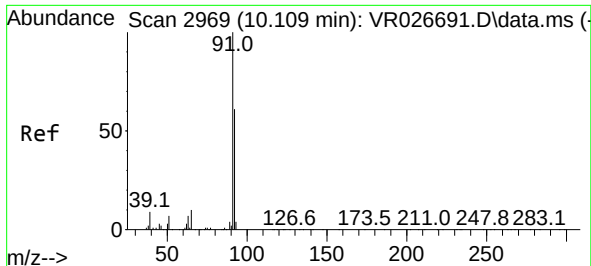
Tgt Ion: 98 Resp: 841544
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 343.076 ug/l
RT: 9.917 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 43 Resp: 1832110
Ion Ratio Lower Upper
43 100
58 39.9 33.7 50.5

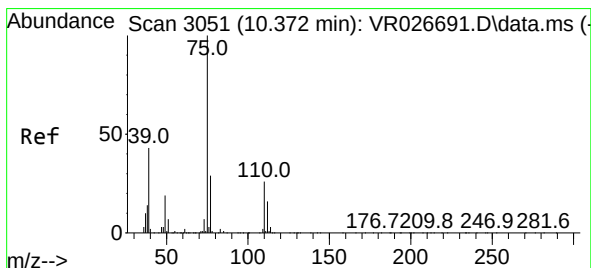
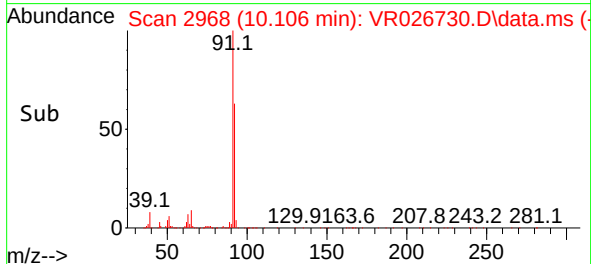
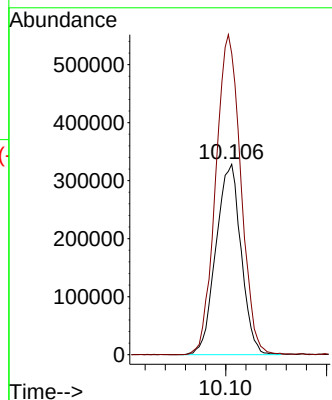
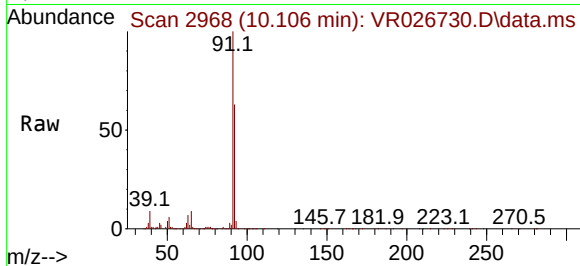




#51
Toluene
Concen: 58.276 ug/l
RT: 10.106 min Scan# 2969
Delta R.T. -0.003 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

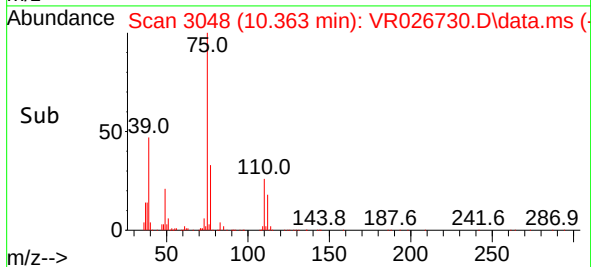
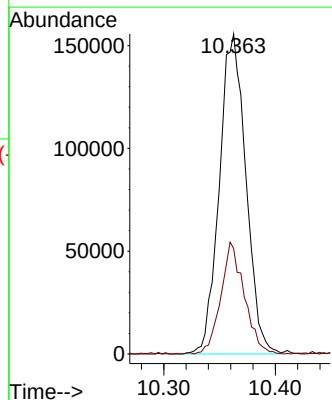
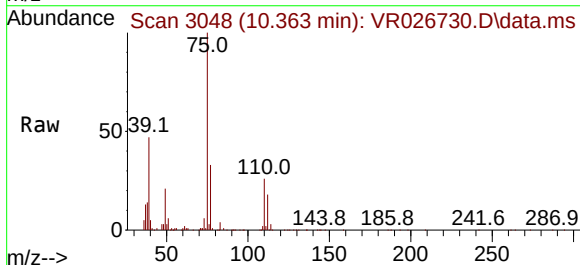
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

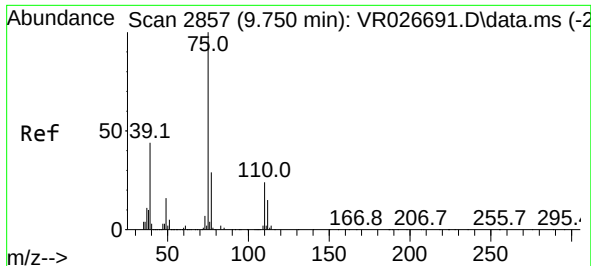
Tgt Ion: 92 Resp: 569274
Ion Ratio Lower Upper
92 100
91 168.3 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 53.779 ug/l
RT: 10.363 min Scan# 3048
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 75 Resp: 257208
Ion Ratio Lower Upper
75 100
77 33.0 23.4 35.2

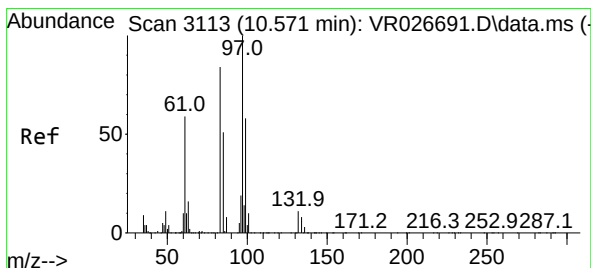
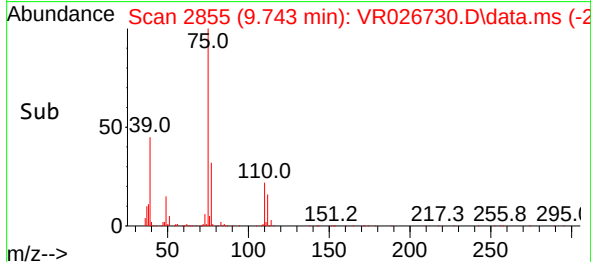
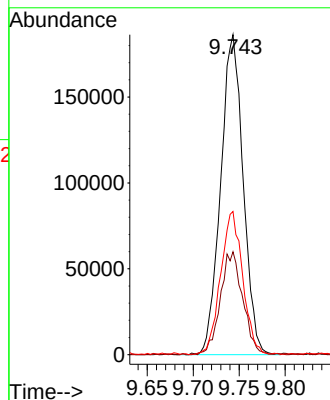
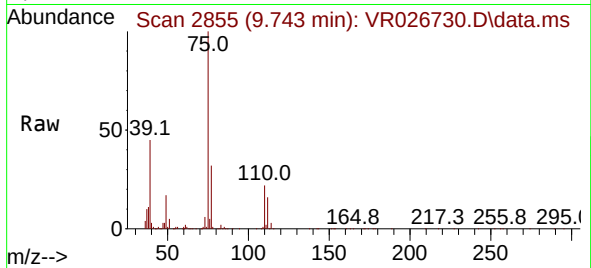




#53
cis-1,3-Dichloropropene
Concen: 55.414 ug/l
RT: 9.743 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

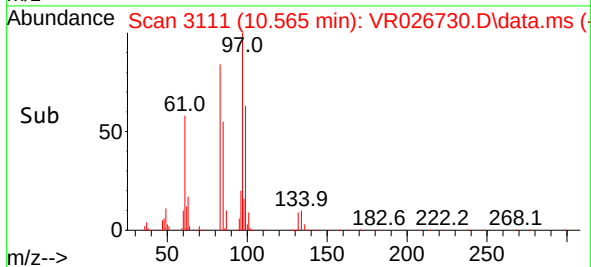
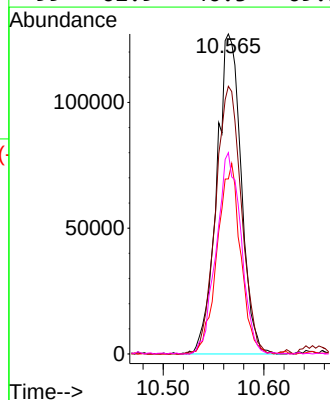
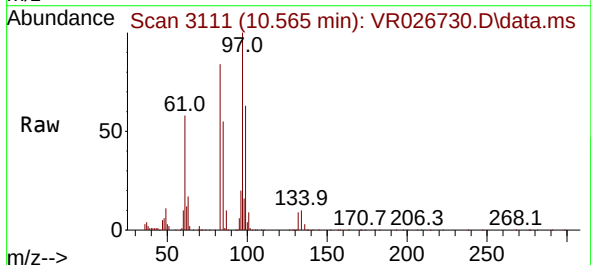
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

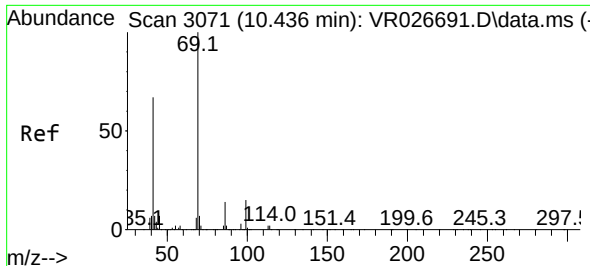
Tgt Ion: 75 Resp: 317891
Ion Ratio Lower Upper
75 100
77 32.2 22.9 34.3
39 44.6 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 60.143 ug/l
RT: 10.565 min Scan# 3111
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 97 Resp: 214561
Ion Ratio Lower Upper
97 100
83 83.6 67.4 101.2
85 54.7 40.4 60.6
99 62.9 46.3 69.5

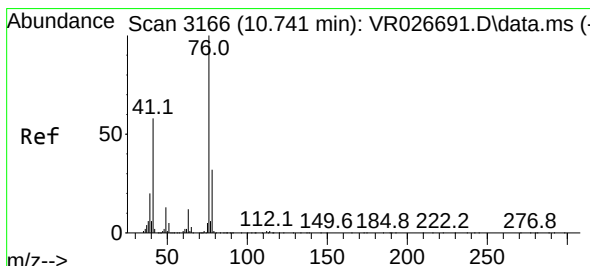
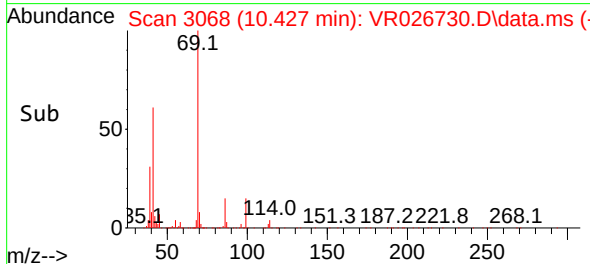
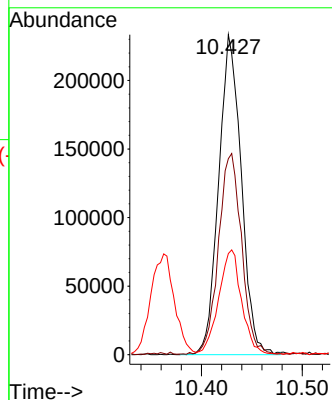
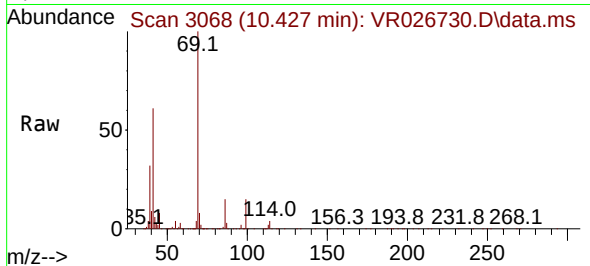




#55
Ethyl methacrylate
Concen: 61.572 ug/l
RT: 10.427 min Scan# 3071
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

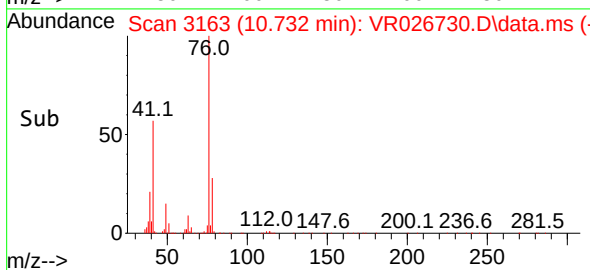
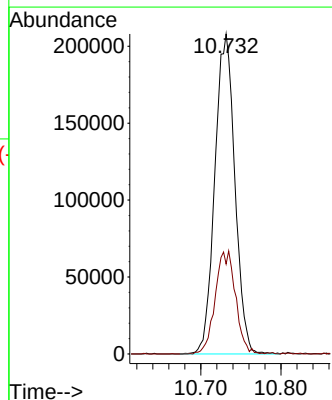
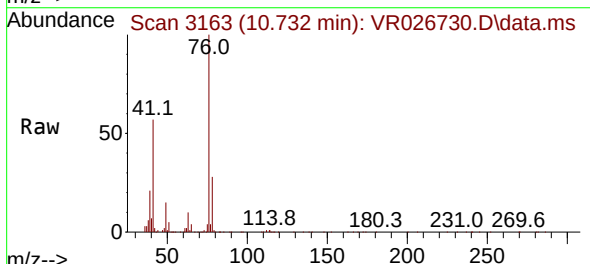
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

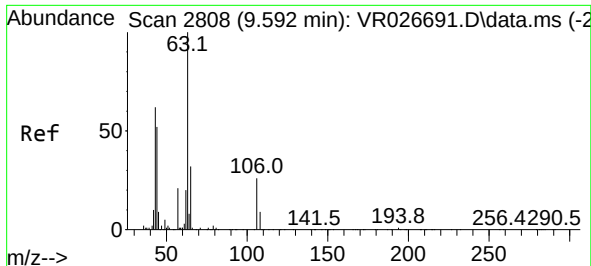
Tgt Ion: 69 Resp: 362750
Ion Ratio Lower Upper
69 100
41 64.0 51.5 77.3
39 32.9 24.7 37.1



#56
1,3-Dichloropropane
Concen: 59.282 ug/l
RT: 10.732 min Scan# 3163
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 76 Resp: 360232
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

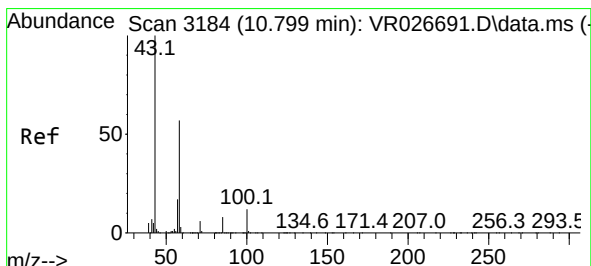
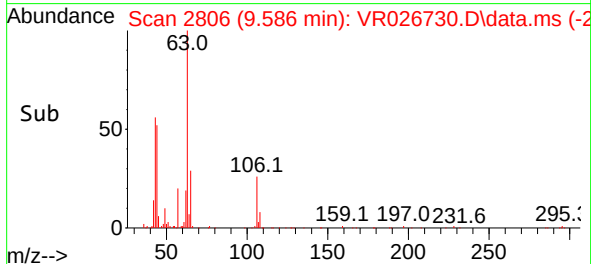
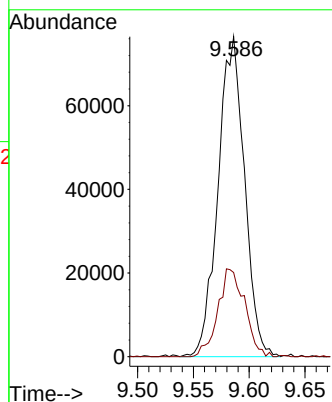
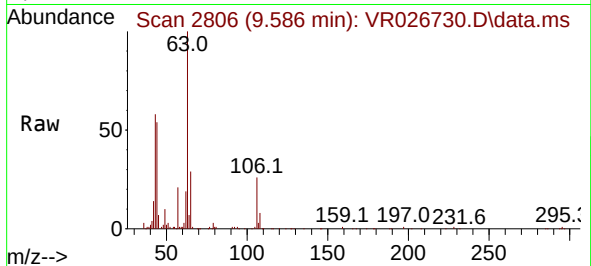




#57
2-Chloroethyl Vinyl ether
Concen: 387.453 ug/l
RT: 9.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

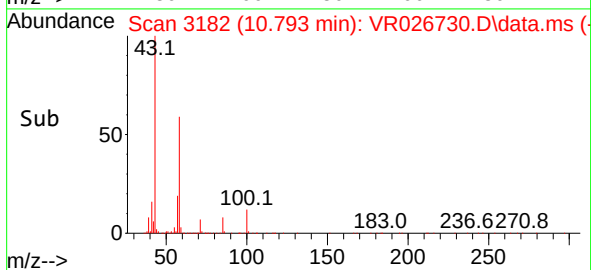
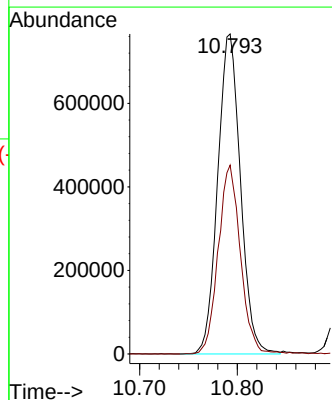
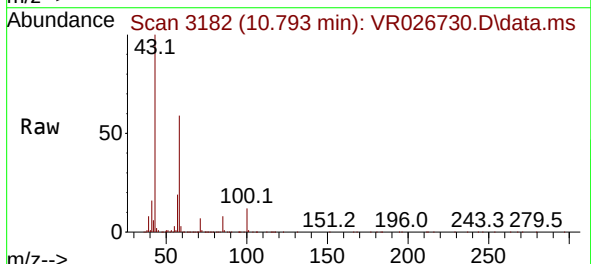
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

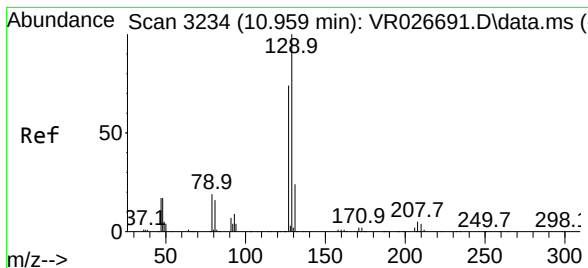
Tgt Ion: 63 Resp: 126145
Ion Ratio Lower Upper
63 100
106 27.9 22.5 33.7



#58
2-Hexanone
Concen: 344.503 ug/l
RT: 10.793 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 43 Resp: 1240240
Ion Ratio Lower Upper
43 100
58 57.5 28.8 86.4





#59

Dibromochloromethane

Concen: 61.892 ug/l

RT: 10.950 min Scan# 31

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

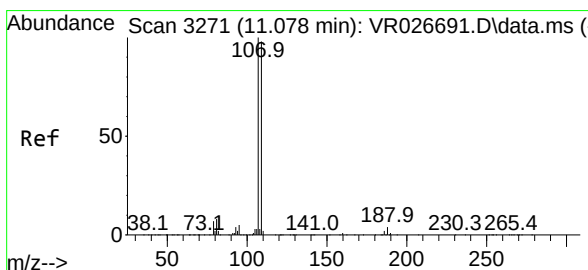
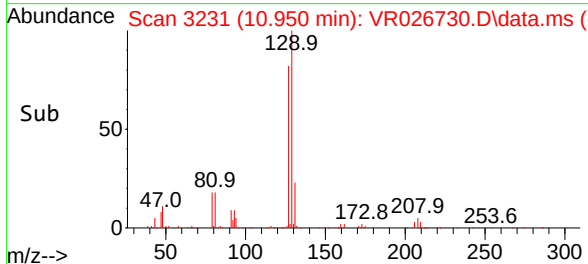
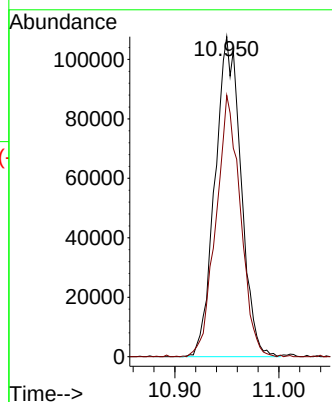
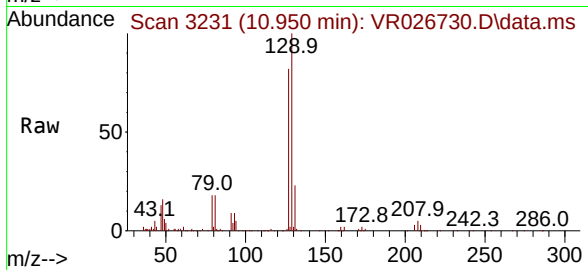
VSTDCCC050EC

Tgt Ion:129 Resp: 186865

Ion Ratio Lower Upper

129 100

127 76.8 38.9 116.6



#60

1,2-Dibromoethane

Concen: 63.005 ug/l

RT: 11.065 min Scan# 3267

Delta R.T. -0.013 min

Lab File: VR026730.D

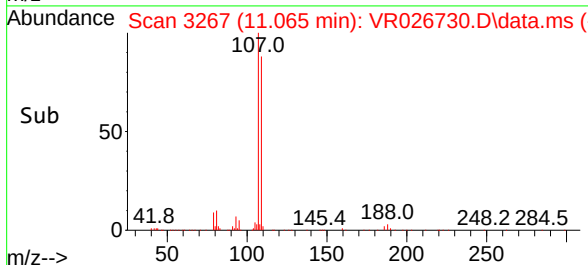
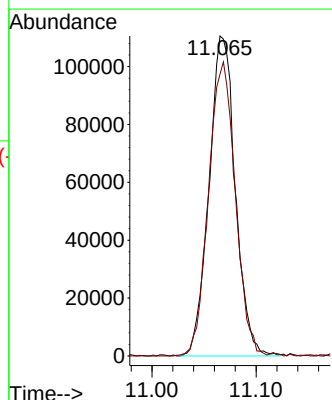
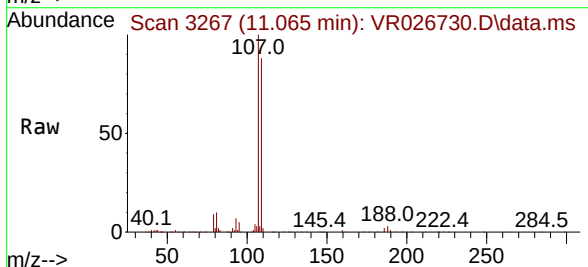
Acq: 7 Aug 2025 16:34

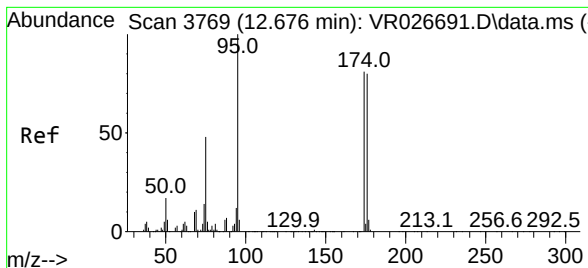
Tgt Ion:107 Resp: 193450

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9

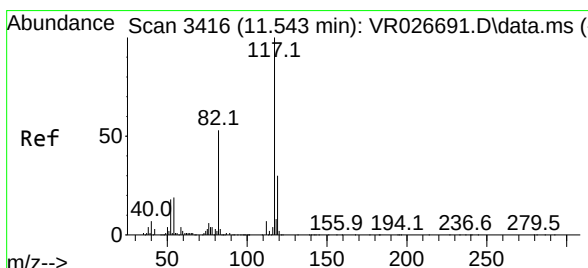
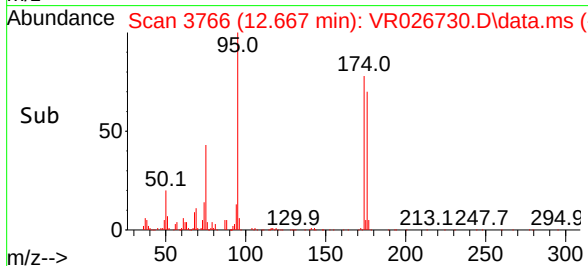
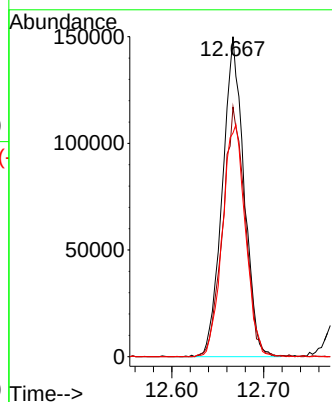
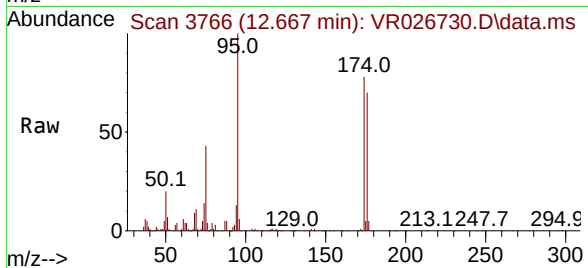




#61
4-Bromofluorobenzene
Concen: 57.073 ug/l
RT: 12.667 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

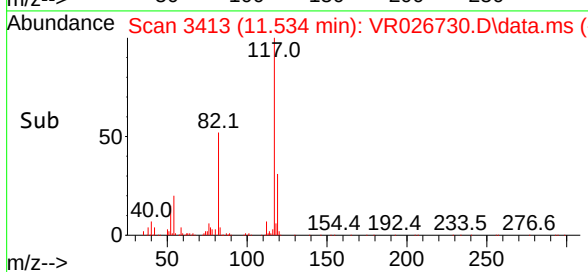
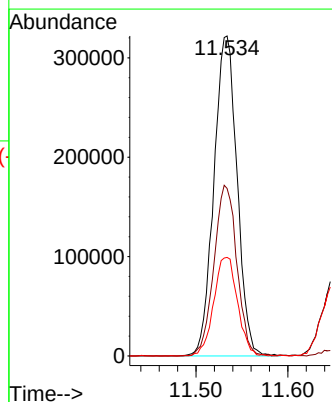
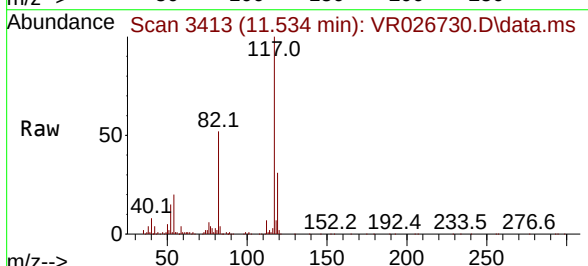
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

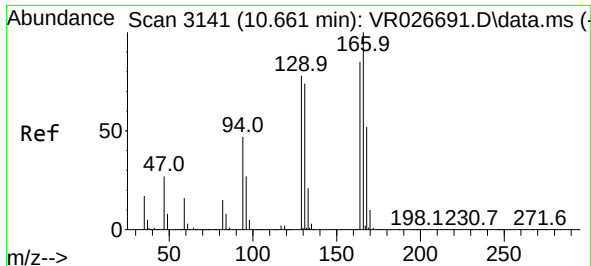
Tgt Ion: 95 Resp: 244964
Ion Ratio Lower Upper
95 100
174 80.8 0.0 158.4
176 77.2 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.534 min Scan# 3413
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 117 Resp: 564078
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 30.8 23.9 35.9

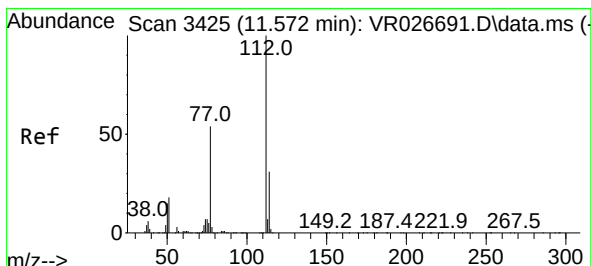
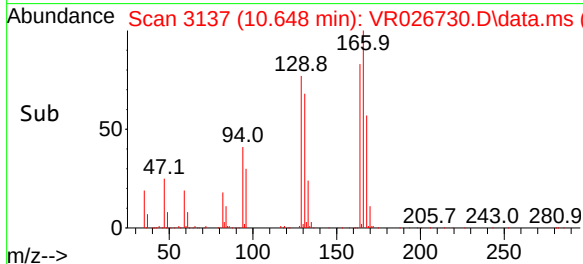
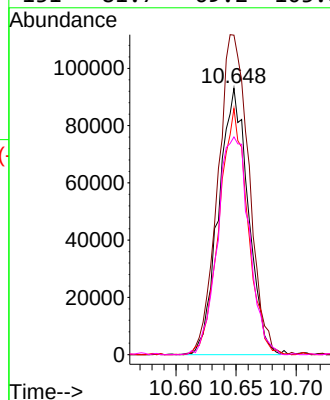
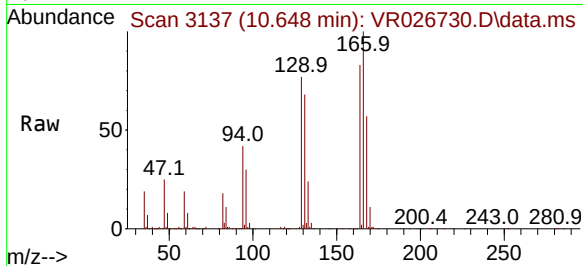




#63
Tetrachloroethene
Concen: 51.738 ug/l
RT: 10.648 min Scan# 3141
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

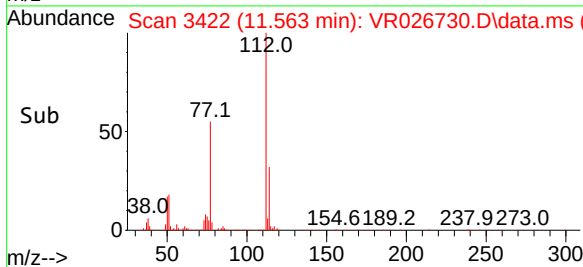
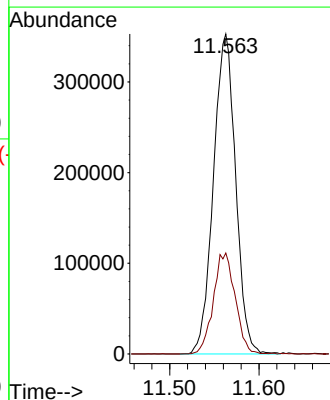
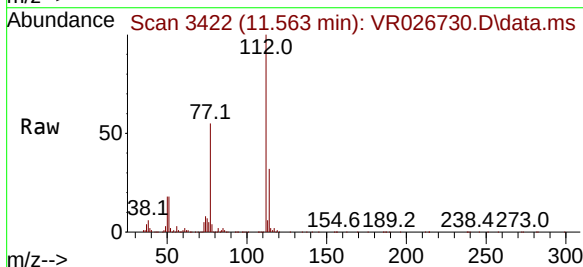
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

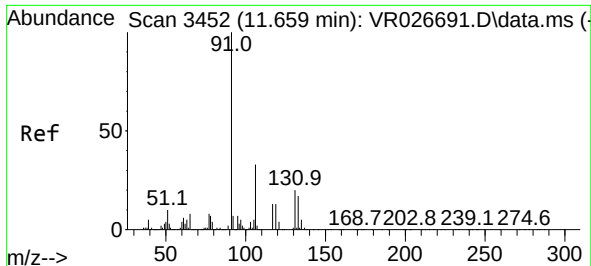
Tgt Ion:164 Resp: 159430
Ion Ratio Lower Upper
164 100
166 119.8 93.7 140.5
129 92.5 73.4 110.2
131 81.7 69.2 103.8



#64
Chlorobenzene
Concen: 51.963 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:112 Resp: 610010
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6

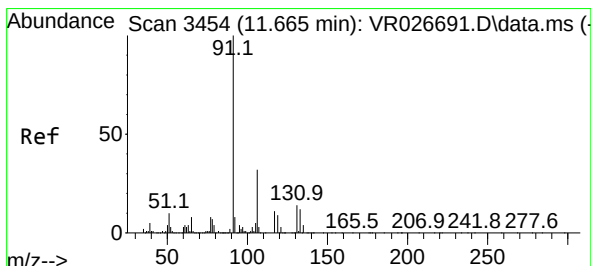
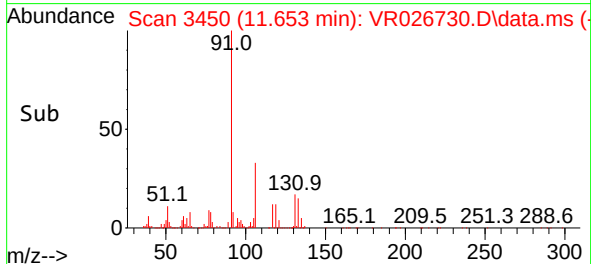
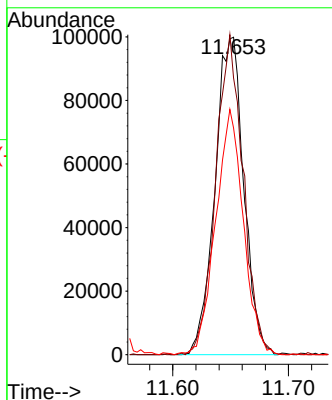
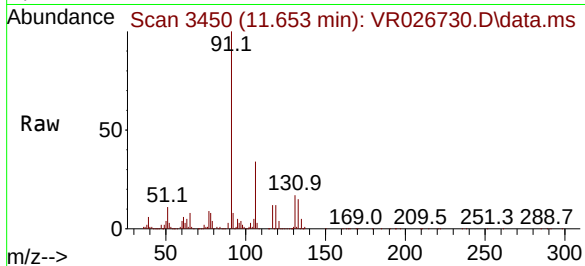




#65
1,1,1,2-Tetrachloroethane
Concen: 53.990 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

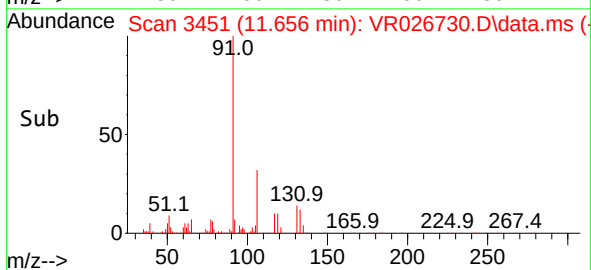
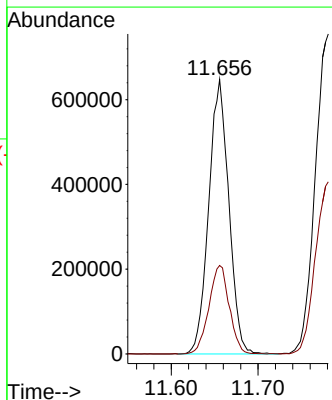
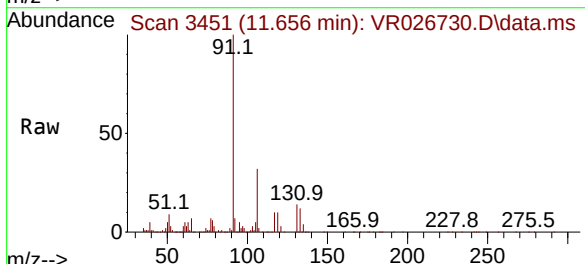
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

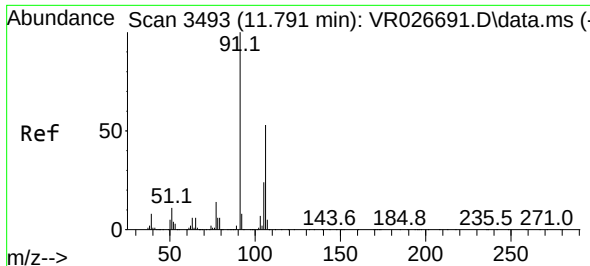
Tgt Ion:131 Resp: 173114
Ion Ratio Lower Upper
131 100
133 95.5 46.2 138.5
119 74.3 35.7 107.1



#66
Ethyl Benzene
Concen: 53.119 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 91 Resp: 1041210
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

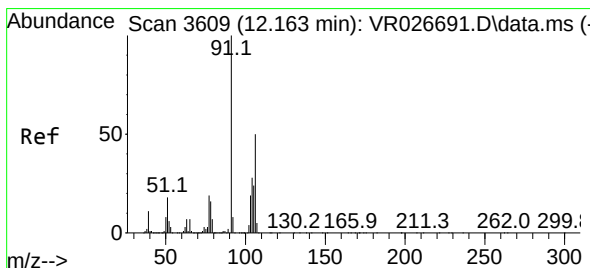
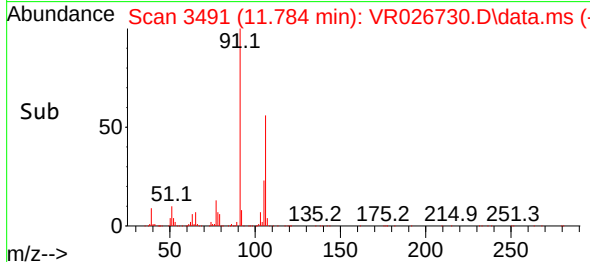
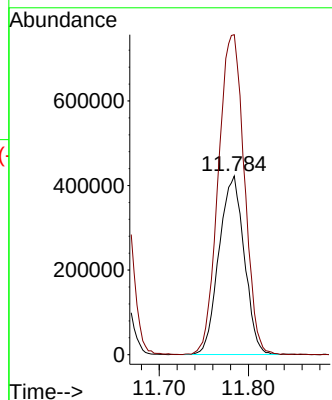
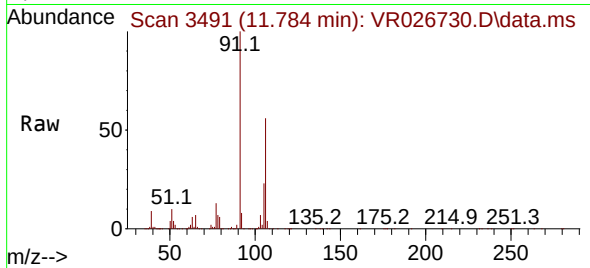




#67
m/p-Xylenes
Concen: 105.918 ug/l
RT: 11.784 min Scan# 3491
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

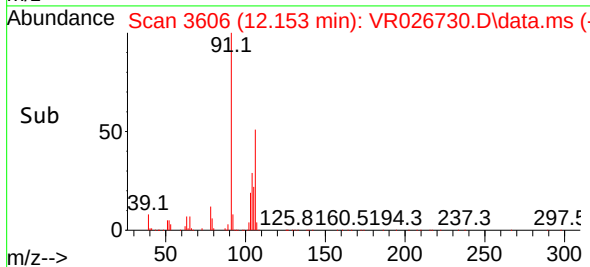
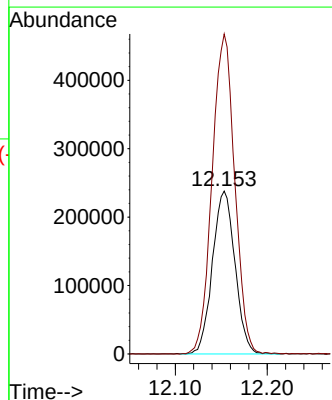
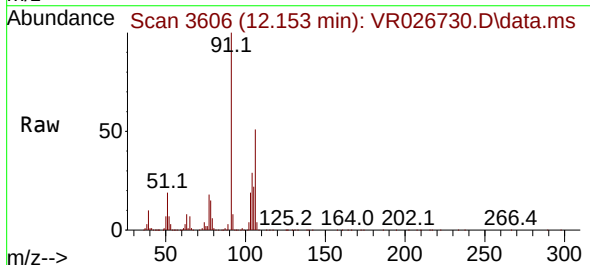
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

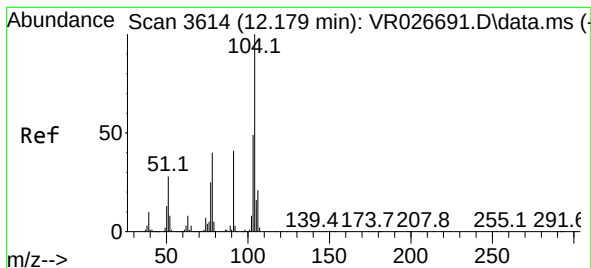
Tgt Ion:106 Resp: 829467
Ion Ratio Lower Upper
106 100
91 184.4 146.8 220.2



#68
o-Xylene
Concen: 53.302 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:106 Resp: 405198
Ion Ratio Lower Upper
106 100
91 197.6 97.9 293.6





#69

Styrene

Concen: 55.678 ug/l

RT: 12.169 min Scan# 3

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

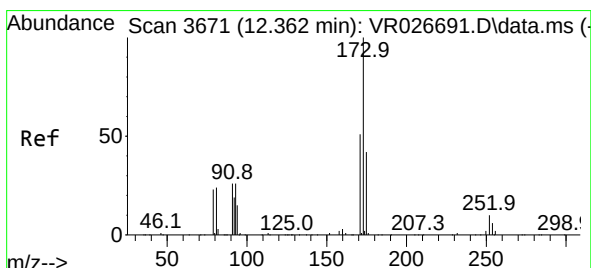
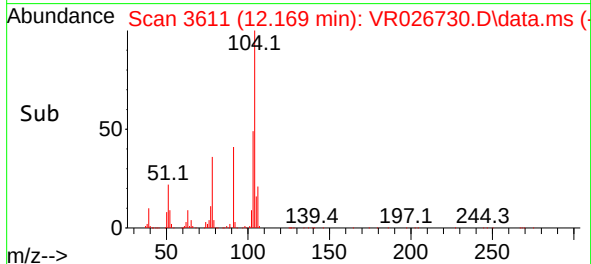
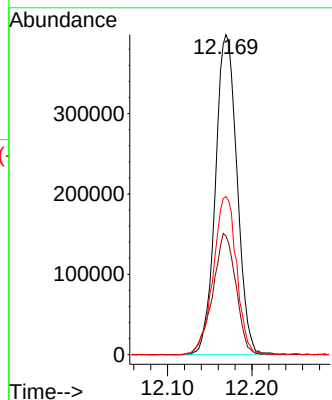
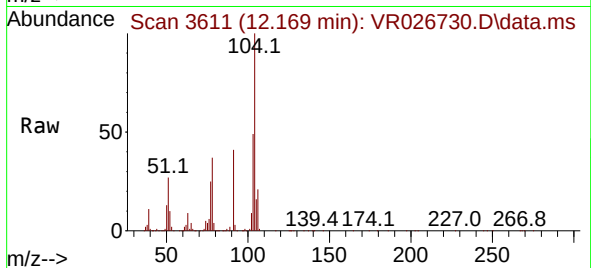
Tgt Ion:104 Resp: 707310

Ion Ratio Lower Upper

104 100

78 40.6 34.5 51.7

103 53.0 43.2 64.8



#70

Bromoform

Concen: 59.953 ug/l

RT: 12.352 min Scan# 3668

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

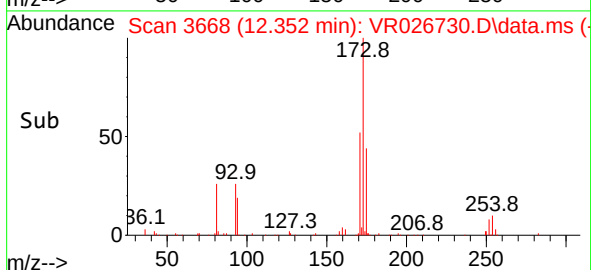
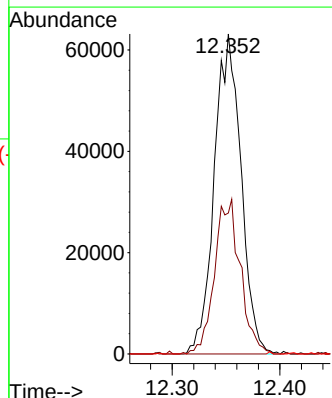
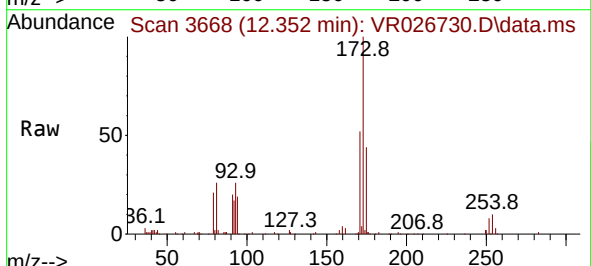
Tgt Ion:173 Resp: 108796

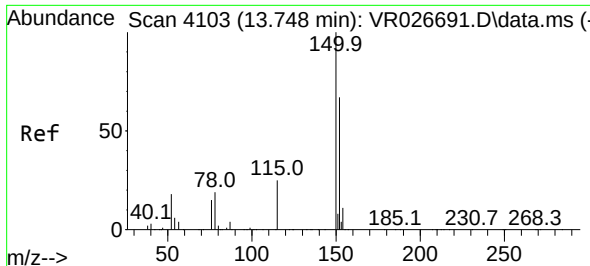
Ion Ratio Lower Upper

173 100

175 46.5 23.6 71.0

254 0.0 0.1 0.1#

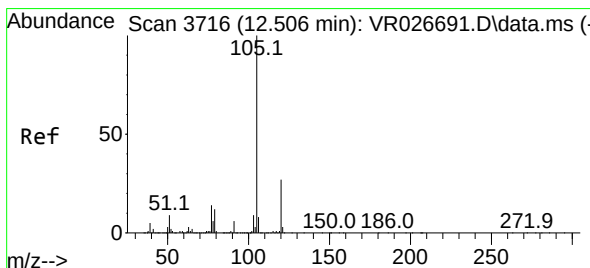
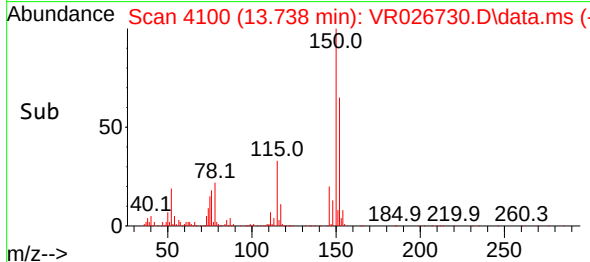
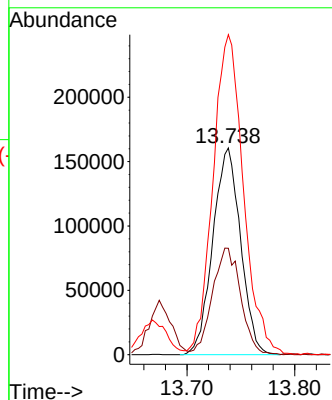
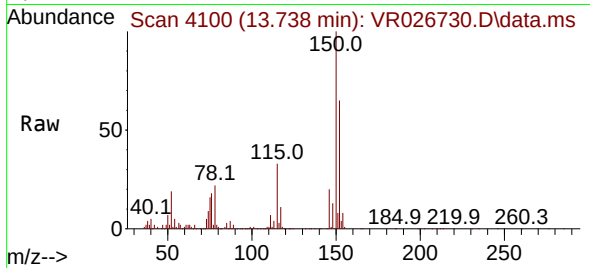




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.738 min Scan# 4103
 Delta R.T. -0.010 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

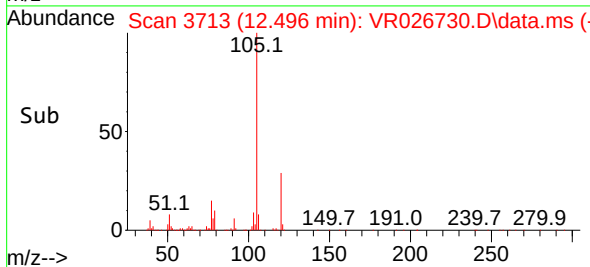
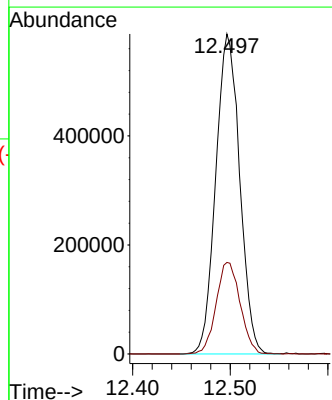
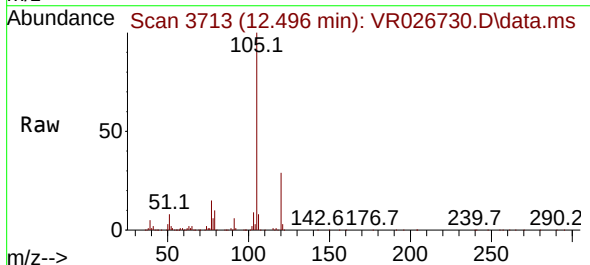
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

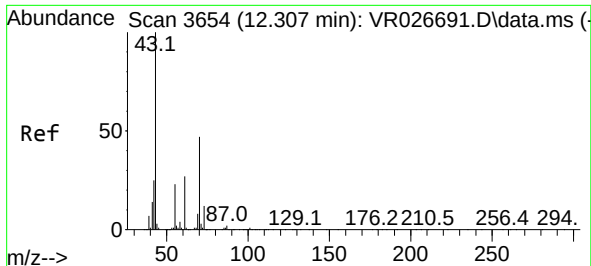
Tgt Ion:152 Resp: 287410
 Ion Ratio Lower Upper
 152 100
 115 52.5 27.8 83.4
 150 169.6 0.0 350.4



#72
 Isopropylbenzene
 Concen: 48.740 ug/l
 RT: 12.496 min Scan# 3713
 Delta R.T. -0.010 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Tgt Ion:105 Resp: 998441
 Ion Ratio Lower Upper
 105 100
 120 28.7 14.2 42.8

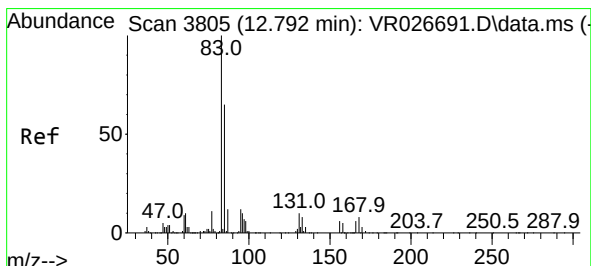
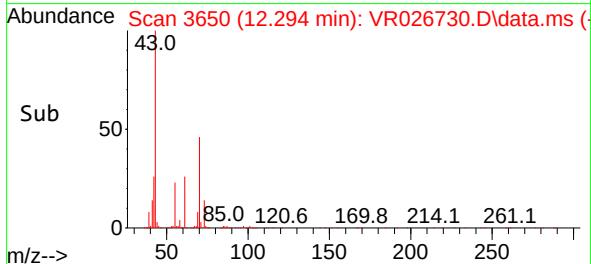
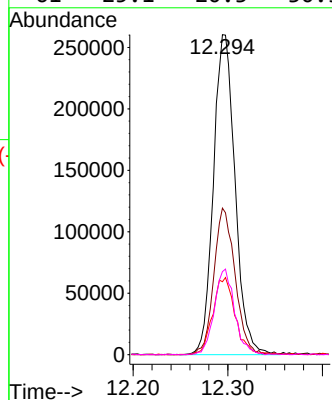
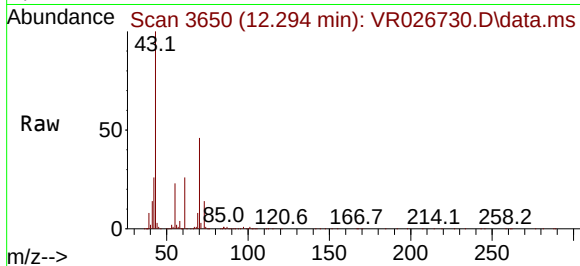




#73
N-amy1 acetate
Concen: 50.873 ug/l
RT: 12.294 min Scan# 3
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

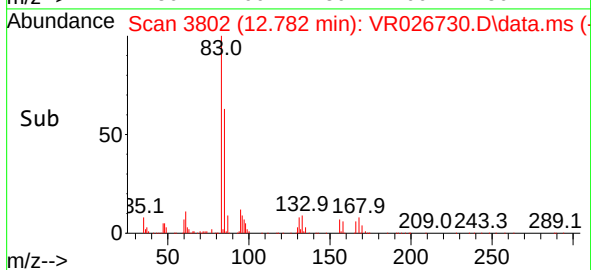
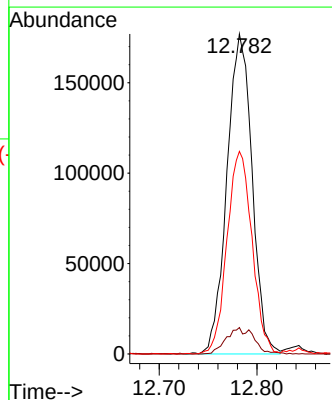
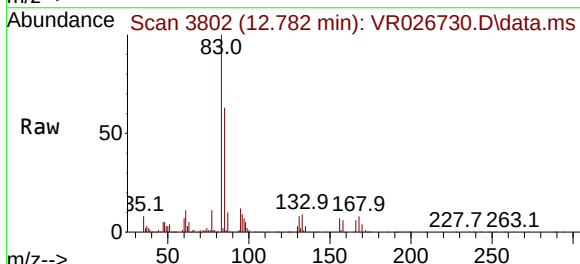
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

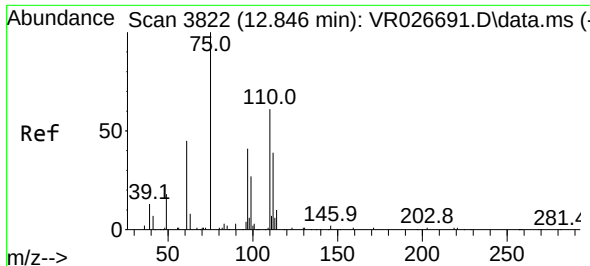
Tgt Ion: 43 Resp: 413206
Ion Ratio Lower Upper
43 100
70 44.9 36.4 54.6
55 25.1 18.7 28.1
61 25.1 20.3 30.5



#74
1,1,2,2-Tetrachloroethane
Concen: 52.738 ug/l
RT: 12.782 min Scan# 3802
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 83 Resp: 316973
Ion Ratio Lower Upper
83 100
131 9.0 4.2 12.4
85 62.9 32.3 96.8

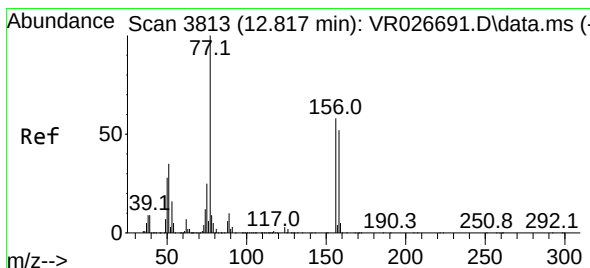
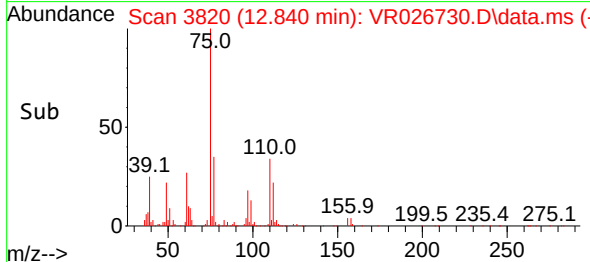
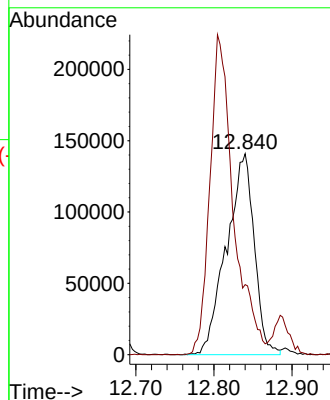
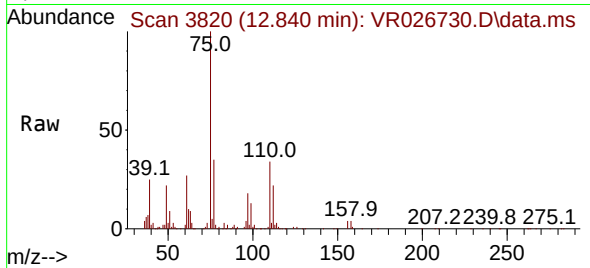




#75
1,2,3-Trichloropropane
Concen: 72.970 ug/l
RT: 12.840 min Scan# 3822
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

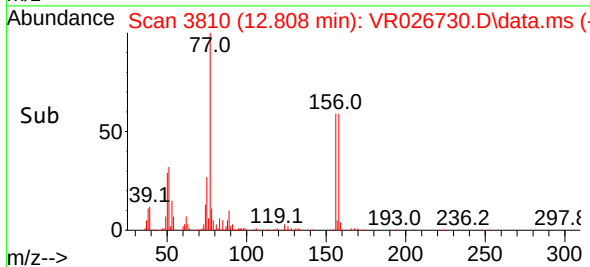
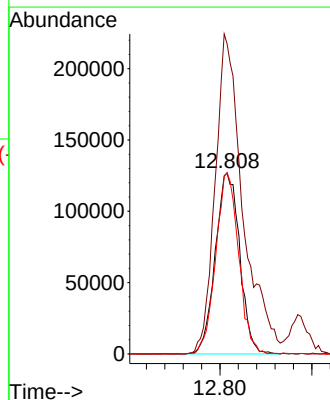
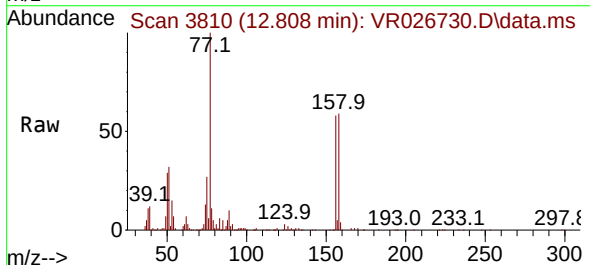
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

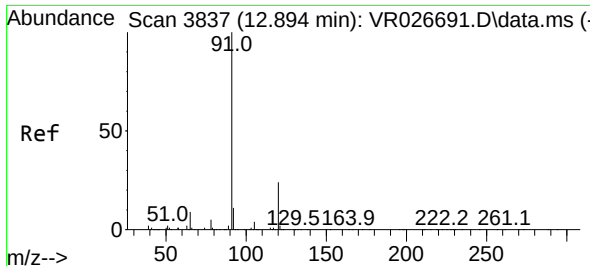
Tgt Ion: 75 Resp: 347639
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 49.228 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:156 Resp: 233375
Ion Ratio Lower Upper
156 100
77 201.2 105.5 316.4
158 94.3 46.4 139.1

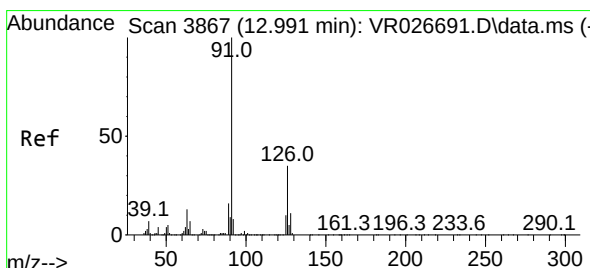
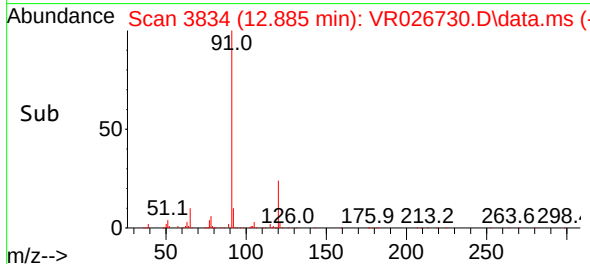
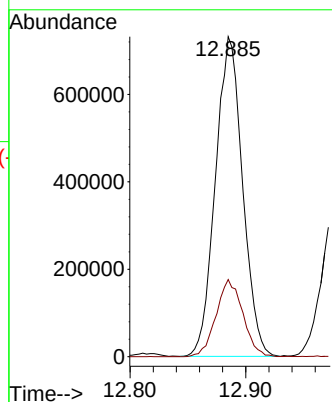
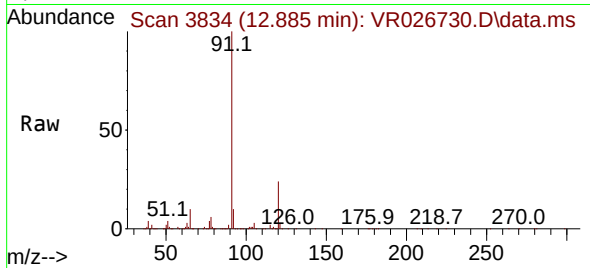




#77
n-propylbenzene
Concen: 48.793 ug/l
RT: 12.885 min Scan# 3834
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

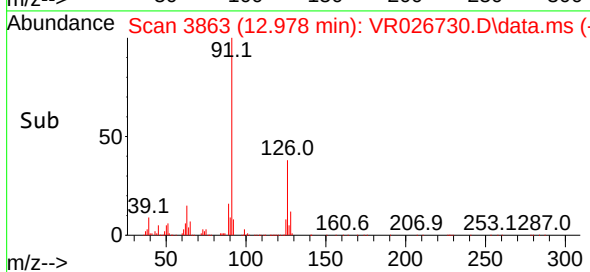
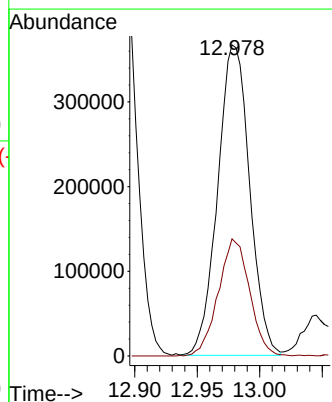
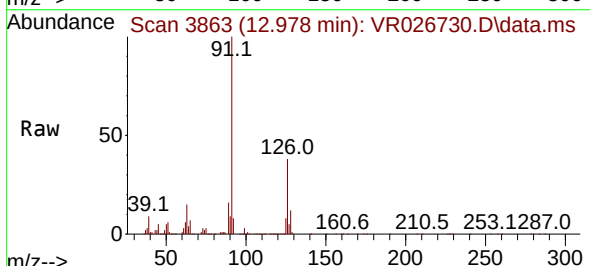
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

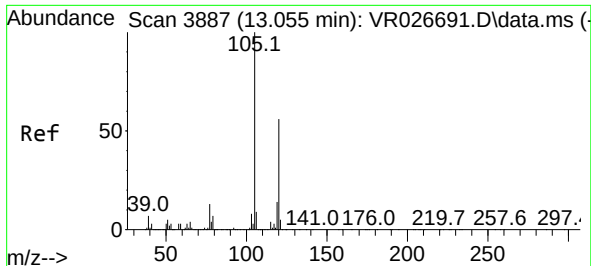
Tgt Ion: 91 Resp: 1192506
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.9



#78
2-Chlorotoluene
Concen: 47.134 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 91 Resp: 653576
Ion Ratio Lower Upper
91 100
126 36.8 17.5 52.6

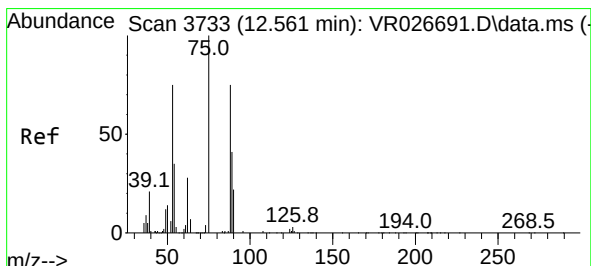
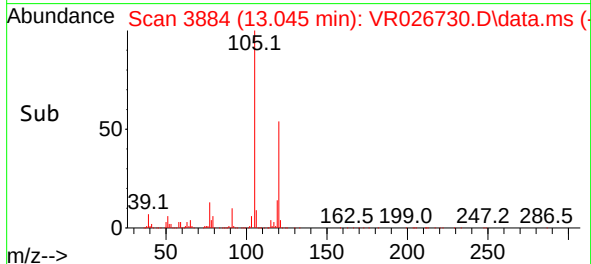
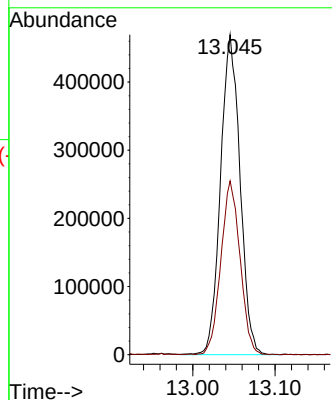
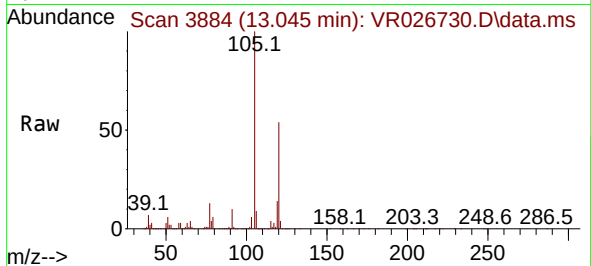




#79
1,3,5-Trimethylbenzene
Concen: 48.281 ug/l
RT: 13.045 min Scan# 3887
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

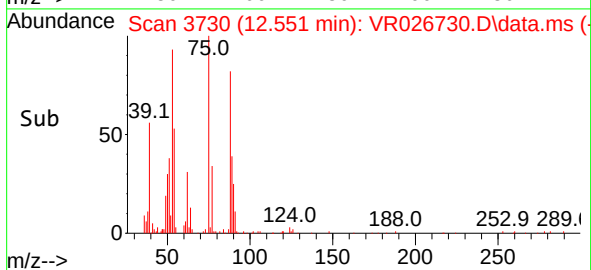
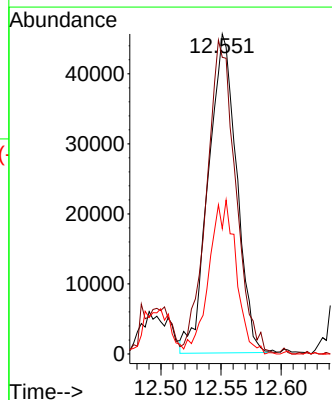
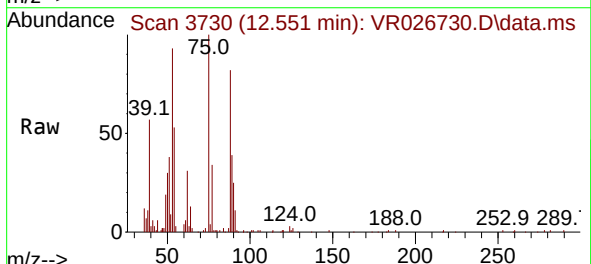
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

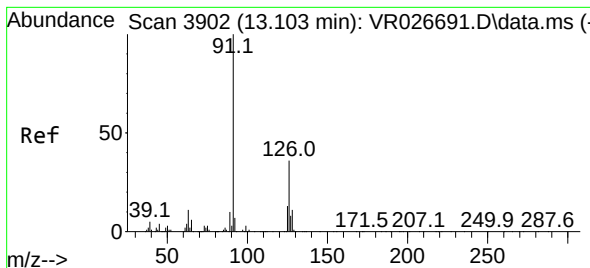
Tgt Ion:105 Resp: 773420
Ion Ratio Lower Upper
105 100
120 53.4 26.6 79.7



#80
trans-1,4-Dichloro-2-butene
Concen: 45.502 ug/l
RT: 12.551 min Scan# 3730
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 75 Resp: 74428
Ion Ratio Lower Upper
75 100
53 100.1 67.8 101.6
89 46.3 34.6 52.0

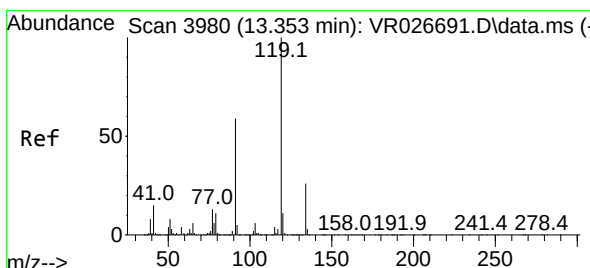
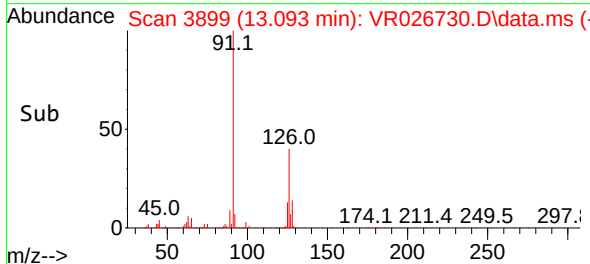
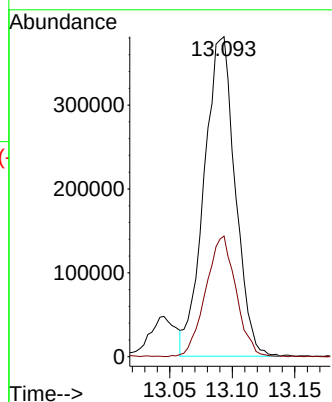
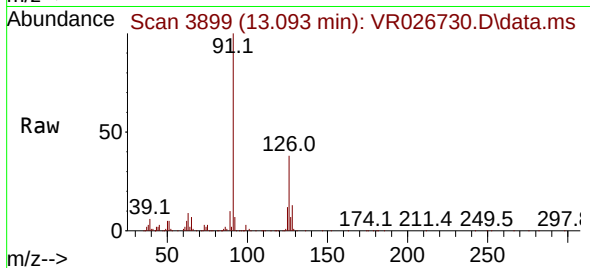




#81
4-Chlorotoluene
Concen: 46.500 ug/l
RT: 13.093 min Scan# 3902
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

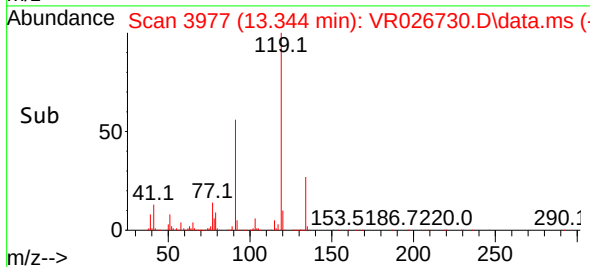
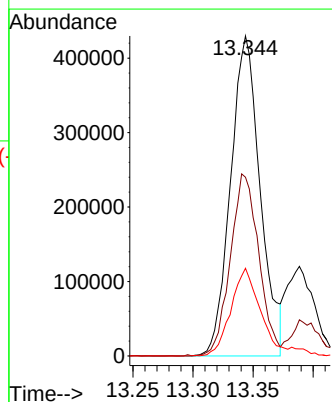
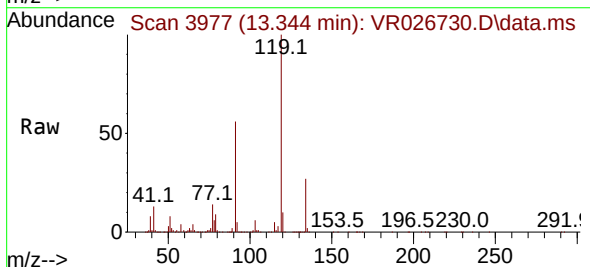
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

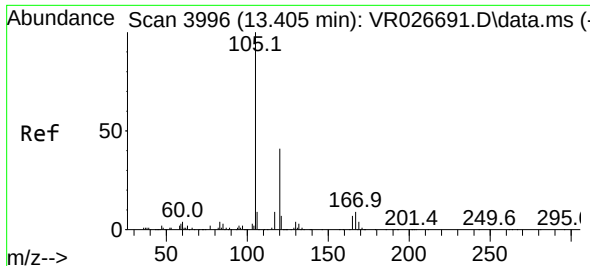
Tgt Ion: 91 Resp: 658684
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.3



#82
tert-Butylbenzene
Concen: 50.644 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion: 119 Resp: 737904
Ion Ratio Lower Upper
119 100
91 54.5 29.9 89.7
134 27.1 13.5 40.4

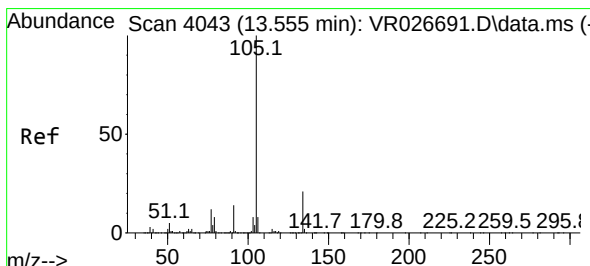
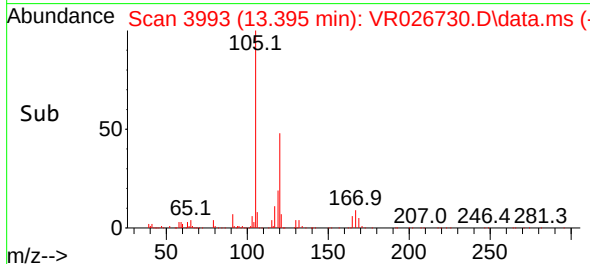
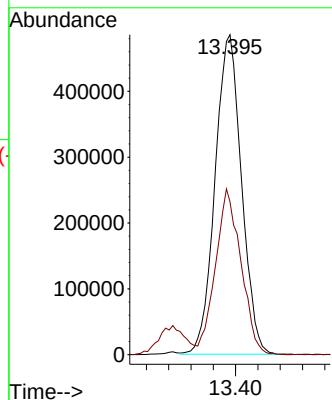
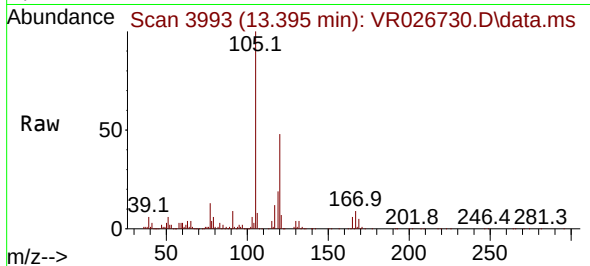




#83
1,2,4-Trimethylbenzene
Concen: 50.333 ug/l
RT: 13.395 min Scan# 3996
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

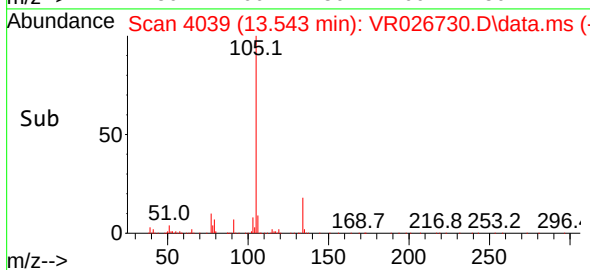
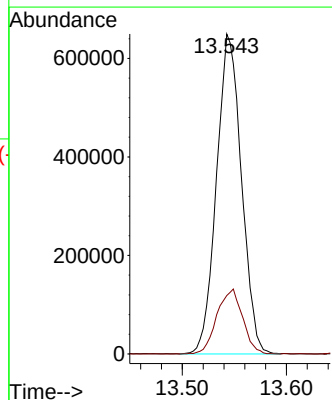
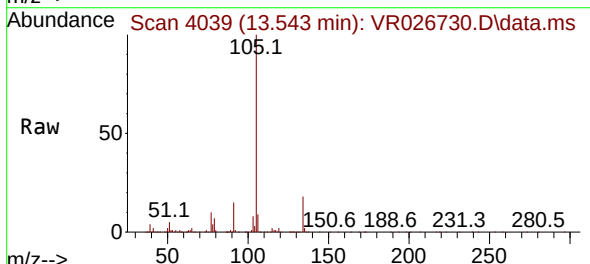
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

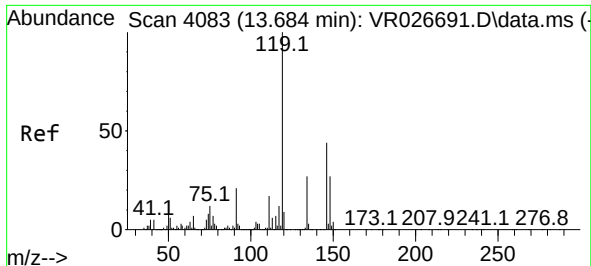
Tgt Ion:105 Resp: 798128
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0



#84
sec-Butylbenzene
Concen: 50.029 ug/l
RT: 13.543 min Scan# 4039
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:105 Resp: 1081038
Ion Ratio Lower Upper
105 100
134 20.8 10.4 31.1

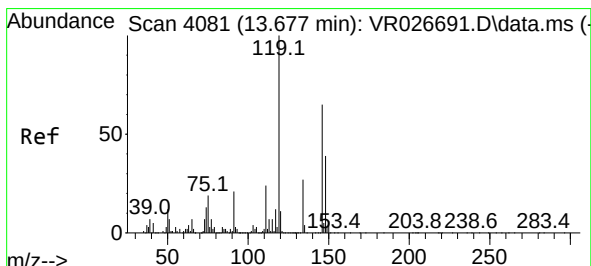
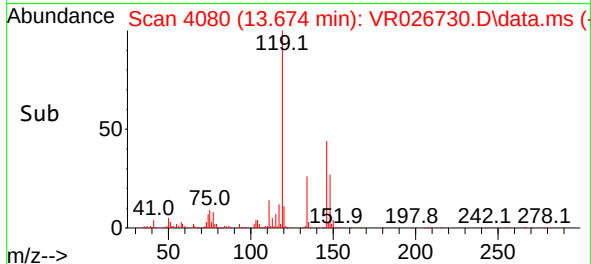
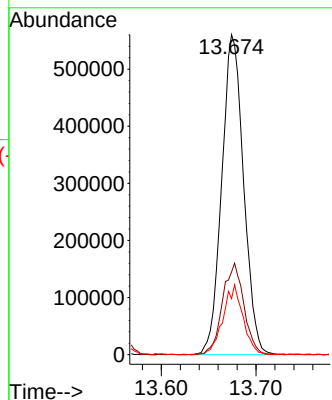
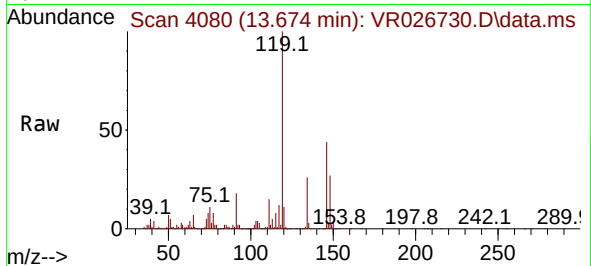




#85
p-Isopropyltoluene
Concen: 50.878 ug/l
RT: 13.674 min Scan# 4080
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

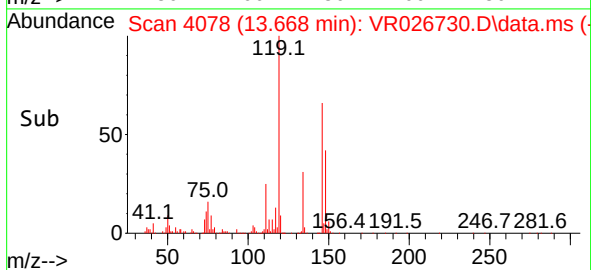
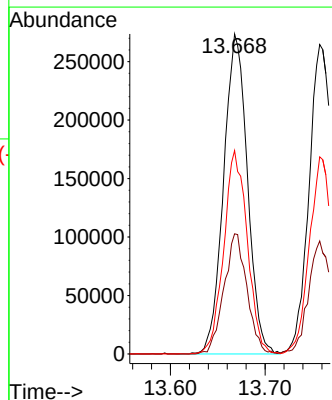
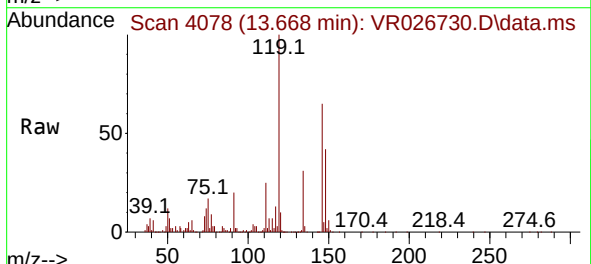
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

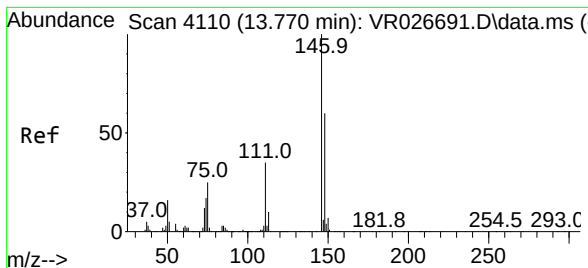
Tgt Ion:119 Resp: 896394
Ion Ratio Lower Upper
119 100
134 28.1 13.9 41.7
91 20.0 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 51.473 ug/l
RT: 13.668 min Scan# 4078
Delta R.T. -0.010 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:146 Resp: 478400
Ion Ratio Lower Upper
146 100
111 36.2 19.4 58.2
148 62.7 31.4 94.3





#87

1,4-Dichlorobenzene

Concen: 50.349 ug/l

RT: 13.758 min Scan# 4110

Delta R.T. -0.013 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

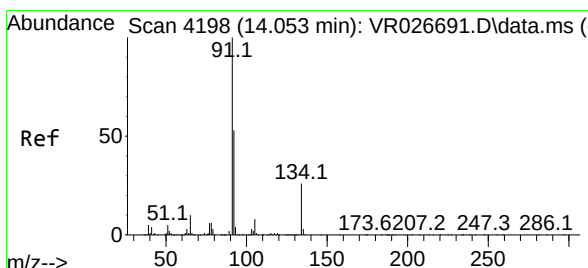
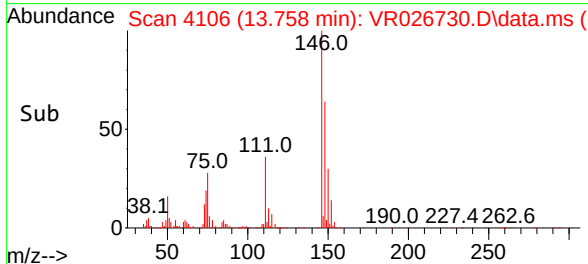
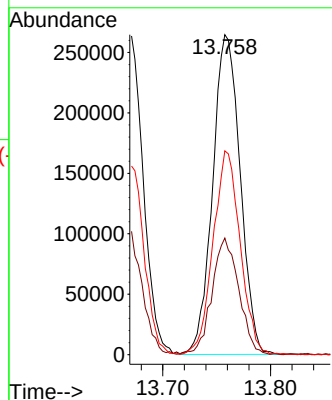
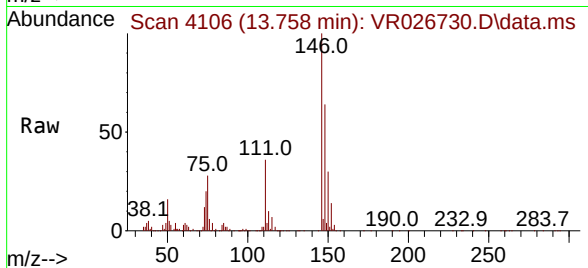
Tgt Ion:146 Resp: 469685

Ion Ratio Lower Upper

146 100

111 35.7 19.1 57.3

148 62.4 32.6 97.8



#88

n-Butylbenzene

Concen: 49.791 ug/l

RT: 14.043 min Scan# 4195

Delta R.T. -0.010 min

Lab File: VR026730.D

Acq: 7 Aug 2025 16:34

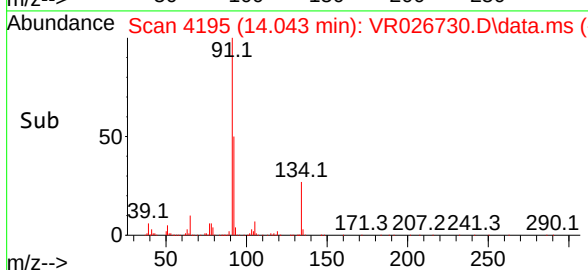
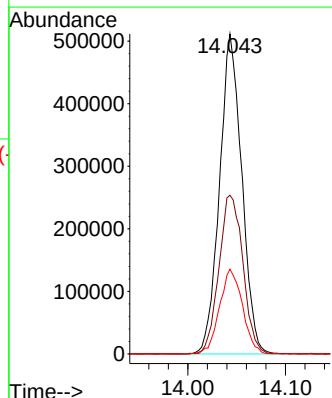
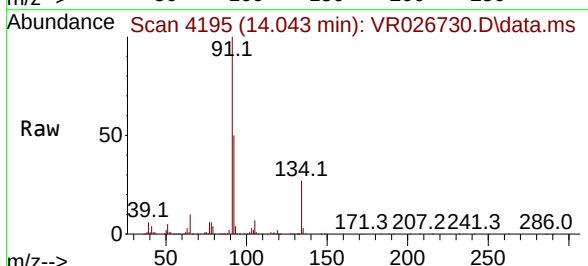
Tgt Ion: 91 Resp: 808541

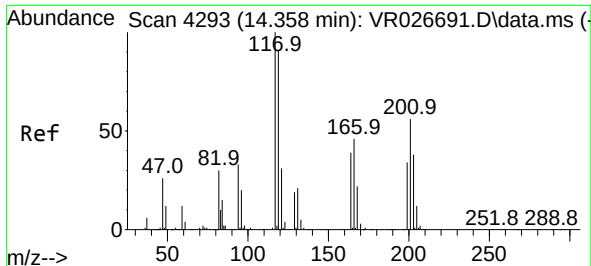
Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

134 27.4 13.1 39.3

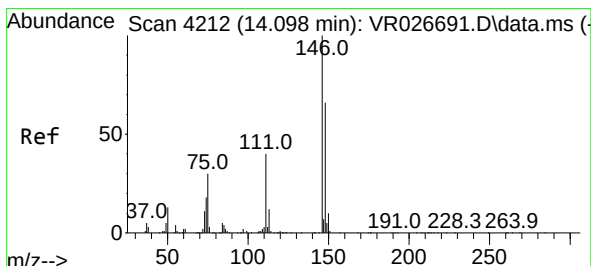
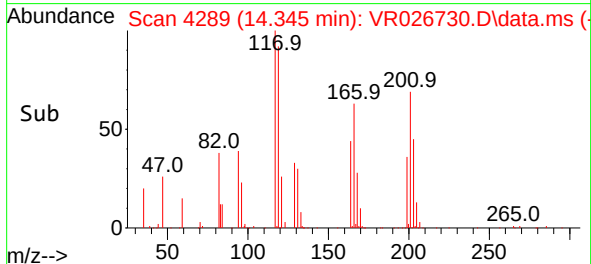
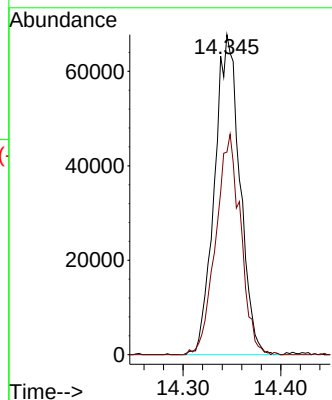
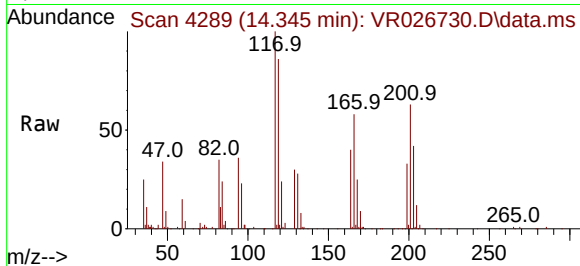




#89
Hexachloroethane
Concen: 48.309 ug/l
RT: 14.345 min Scan# 41
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

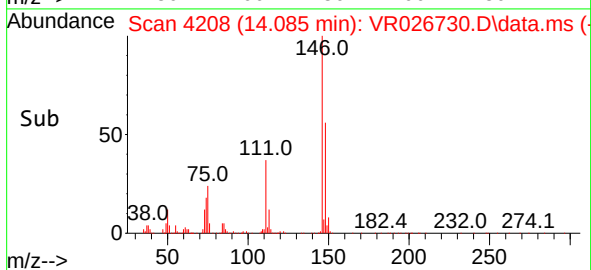
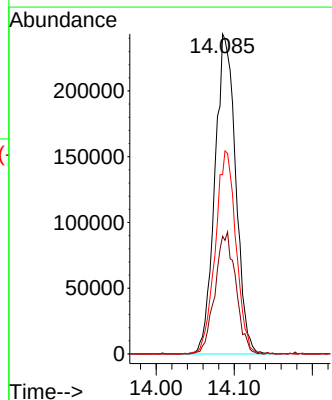
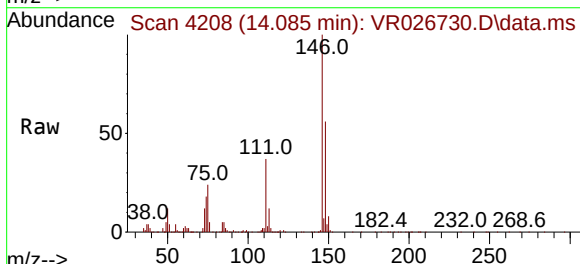
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

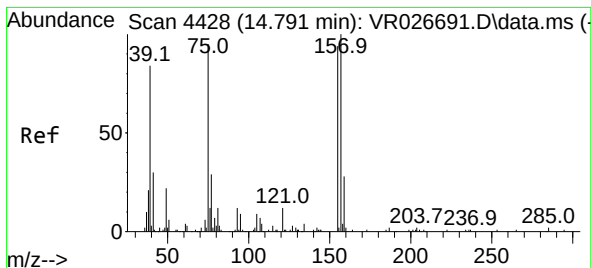
Tgt Ion:117 Resp: 122222
Ion Ratio Lower Upper
117 100
201 67.5 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 51.544 ug/l
RT: 14.085 min Scan# 4208
Delta R.T. -0.013 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

Tgt Ion:146 Resp: 449935
Ion Ratio Lower Upper
146 100
111 38.0 20.0 60.0
148 63.1 32.4 97.0

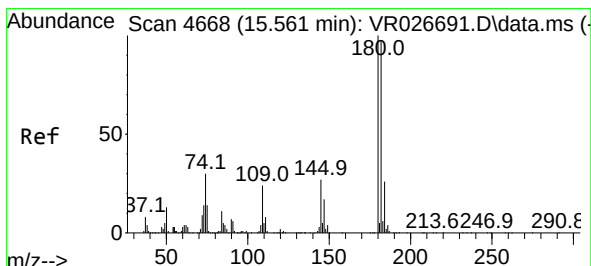
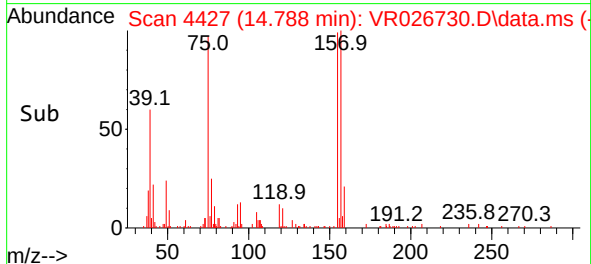
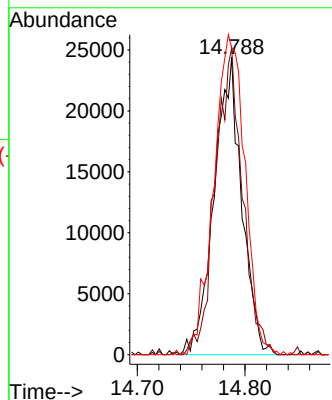
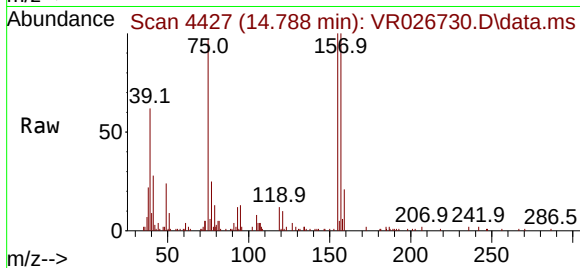




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 54.455 ug/l
 RT: 14.788 min Scan# 4427
 Delta R.T. -0.003 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

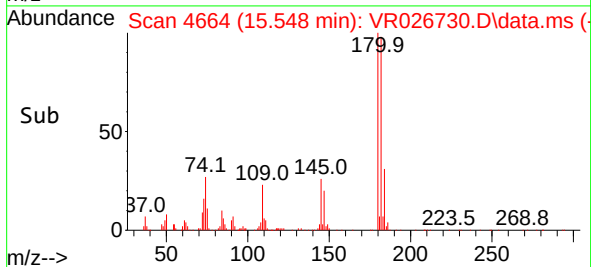
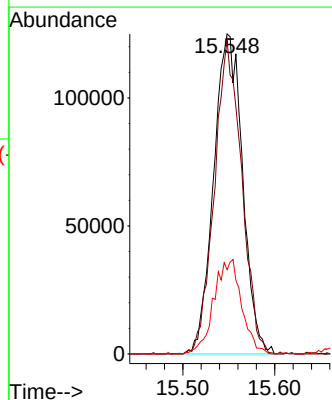
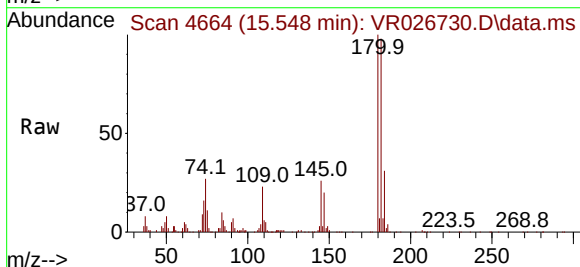
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

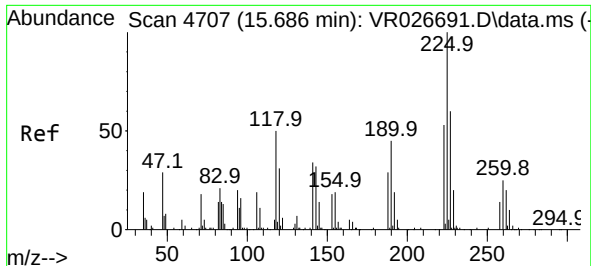
Tgt Ion: 75 Resp: 43583
 Ion Ratio Lower Upper
 75 100
 155 101.4 48.0 144.2
 157 120.9 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 52.241 ug/l
 RT: 15.548 min Scan# 4664
 Delta R.T. -0.013 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Tgt Ion: 180 Resp: 272683
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.0 141.0
 145 28.3 15.2 45.5

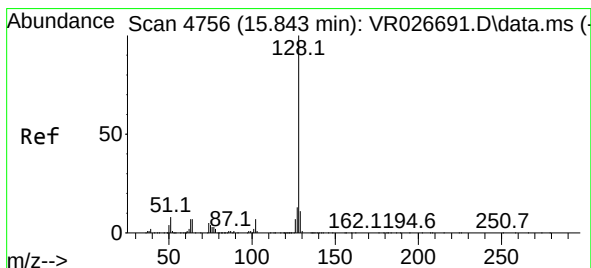
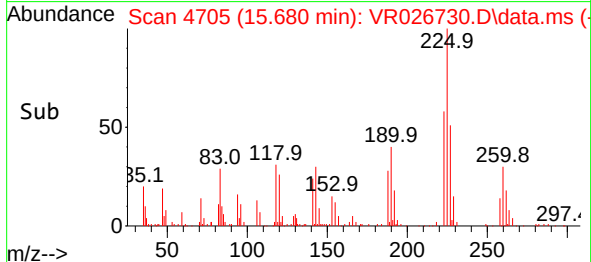
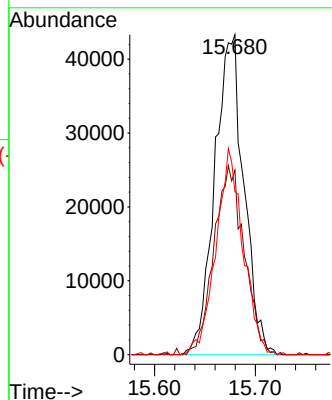
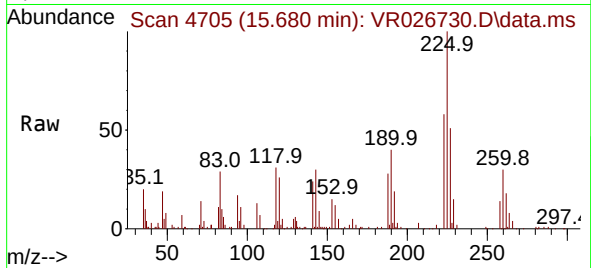




#93
Hexachlorobutadiene
Concen: 51.250 ug/l
RT: 15.680 min Scan# 4707
Delta R.T. -0.006 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

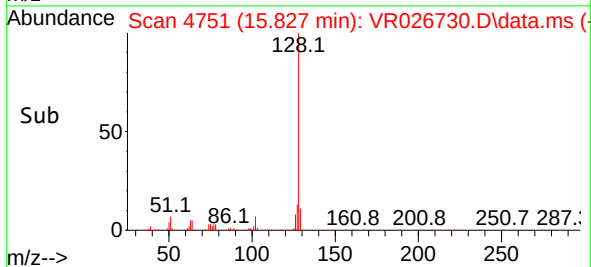
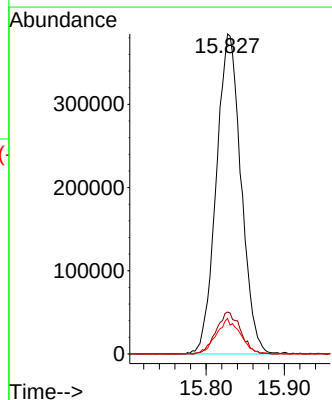
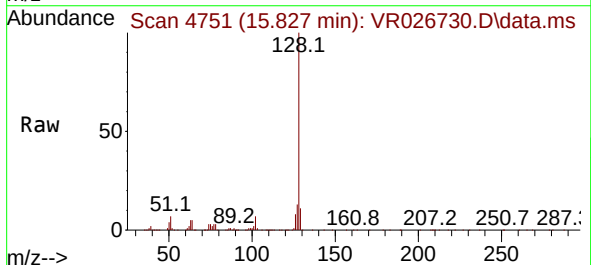
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

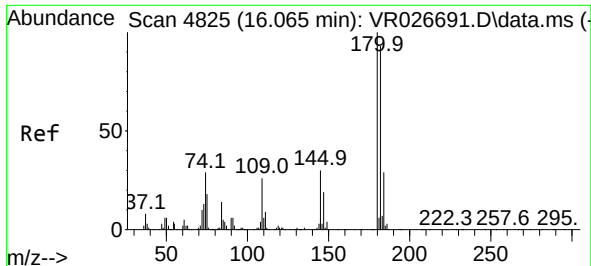
Tgt Ion:225 Resp: 86916
Ion Ratio Lower Upper
225 100
223 61.7 31.4 94.2
227 60.2 31.6 95.0



#94
Naphthalene
Concen: 52.879 ug/l
RT: 15.827 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VR026730.D
Acq: 7 Aug 2025 16:34

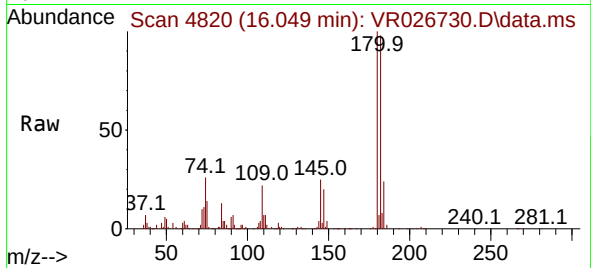
Tgt Ion:128 Resp: 845819
Ion Ratio Lower Upper
128 100
127 12.9 9.8 14.8
129 10.6 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 53.424 ug/l
 RT: 16.049 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VR026730.D
 Acq: 7 Aug 2025 16:34

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	180	Resp:	264737
Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.2	141.6
145	28.7	15.5	46.5

