

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026793.D
 Acq On : 4 Dec 2025 13:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 05 03:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:44:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.802	168	479720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.771	114	908779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.921	117	910939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.130	152	567627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.172	65	321297	55.051	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.100%	
35) Dibromofluoromethane	7.720	113	280051	54.379	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.760%	
50) Toluene-d8	10.434	98	1294962	53.394	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.780%	
62) 4-Bromofluorobenzene	13.049	95	519863	55.772	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	279844	51.707	ug/l	100
3) Chloromethane	2.202	50	368794	49.350	ug/l	100
4) Vinyl Chloride	2.332	62	421704	51.395	ug/l	100
5) Bromomethane	2.678	94	327980	47.025	ug/l	100
6) Chloroethane	2.831	64	289938	51.072	ug/l	100
7) Trichlorofluoromethane	3.166	101	675402	51.639	ug/l	100
8) Diethyl Ether	3.571	74	172519	56.370	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	300258	48.934	ug/l	100
10) Methyl Iodide	4.100	142	325878	45.610	ug/l	100
11) Tert butyl alcohol	4.964	59	240307	122.993	ug/l	100
12) 1,1-Dichloroethene	3.895	96	307930	51.375	ug/l	100
13) Acrolein	3.771	56	17219	120.085	ug/l	100
14) Allyl chloride	4.476	41	578801	52.879	ug/l	100
15) Acrylonitrile	5.146	53	491740	280.042	ug/l	100
16) Acetone	3.977	43	566622	222.927	ug/l	100
17) Carbon Disulfide	4.206	76	923661	50.470	ug/l	100
18) Methyl Acetate	4.488	43	317106	53.663	ug/l	100
19) Methyl tert-butyl Ether	5.217	73	843022	54.735	ug/l	100
20) Methylene Chloride	4.699	84	353732	48.551	ug/l	100
21) trans-1,2-Dichloroethene	5.193	96	316758	48.518	ug/l	100
22) Diisopropyl ether	6.098	45	1166914	52.451	ug/l	100
23) Vinyl Acetate	6.027	43	2947030	270.903	ug/l	100
24) 1,1-Dichloroethane	5.974	63	639997	51.205	ug/l	100
25) 2-Butanone	6.967	43	752063	240.202	ug/l	100
26) 2,2-Dichloropropane	6.956	77	541245	50.082	ug/l	100
27) cis-1,2-Dichloroethene	6.962	96	394753	51.790	ug/l	100
28) Bromochloromethane	7.320	49	274253	52.185	ug/l	100
29) Tetrahydrofuran	7.349	42	413976	290.909	ug/l	100
30) Chloroform	7.502	83	588640	51.249	ug/l	100
31) Cyclohexane	7.808	56	674050	50.187	ug/l	100
32) 1,1,1-Trichloroethane	7.714	97	524488	52.515	ug/l	100
36) 1,1-Dichloropropene	7.937	75	474875	49.928	ug/l	100
37) Ethyl Acetate	7.061	43	256276	53.963	ug/l	100
38) Carbon Tetrachloride	7.925	117	431807	51.096	ug/l	100
39) Methylcyclohexane	9.329	83	689186	48.575	ug/l	100
40) Benzene	8.201	78	1463499	50.251	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026793.D
 Acq On : 4 Dec 2025 13:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 05 03:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:44:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.291	41	167900	56.371	ug/l	100
42) 1,2-Dichloroethane	8.278	62	371136	51.481	ug/l	100
43) Isopropyl Acetate	8.325	43	542872	54.339	ug/l	100
44) Trichloroethene	9.047	130	353585	51.069	ug/l	100
45) 1,2-Dichloropropane	9.353	63	360196	51.408	ug/l	100
46) Dibromomethane	9.447	93	191650	53.402	ug/l	100
47) Bromodichloromethane	9.658	83	468018	52.282	ug/l	100
48) Methyl methacrylate	9.441	41	268236	54.560	ug/l	100
49) 1,4-Dioxane	9.447	88	75382	1041.874	ug/l	100
51) 4-Methyl-2-Pentanone	10.305	43	1508267	284.202	ug/l	100
52) Toluene	10.505	92	995765	51.034	ug/l	100
53) t-1,3-Dichloropropene	10.751	75	494436	53.715	ug/l	100
54) cis-1,3-Dichloropropene	10.146	75	563785	51.229	ug/l	100
55) 1,1,2-Trichloroethane	10.951	97	280521	54.342	ug/l	100
56) Ethyl methacrylate	10.804	69	423748	55.475	ug/l	100
57) 1,3-Dichloropropane	11.116	76	488298	52.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.982	63	158544	344.542	ug/l	100
59) 2-Hexanone	11.168	43	1161652	246.791	ug/l	100
60) Dibromochloromethane	11.345	129	305600	54.759	ug/l	100
61) 1,2-Dibromoethane	11.462	107	258234	53.124	ug/l	100
64) Tetrachloroethene	11.045	164	302438	47.950	ug/l	100
65) Chlorobenzene	11.950	112	1127724	50.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.032	131	317150	52.106	ug/l	100
67) Ethyl Benzene	12.038	91	2061258	51.415	ug/l	100
68) m/p-Xylenes	12.167	106	1585075	101.049	ug/l	100
69) o-Xylene	12.538	106	790936	52.426	ug/l	100
70) Styrene	12.549	104	1364752	52.805	ug/l	100
71) Bromoform	12.743	173	177202	56.380	ug/l #	100
73) Isopropylbenzene	12.878	105	2091200	53.303	ug/l	100
74) N-amyl acetate	12.655	43	614559	57.228	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.160	83	378330	57.086	ug/l	100
76) 1,2,3-Trichloropropane	13.213	75	356225m	61.057	ug/l	
77) Bromobenzene	13.201	156	458418	54.635	ug/l	100
78) n-propylbenzene	13.266	91	2677121	52.988	ug/l	100
79) 2-Chlorotoluene	13.366	91	1467979	53.706	ug/l	100
80) 1,3,5-Trimethylbenzene	13.425	105	1848630	53.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.925	75	124143	54.309	ug/l	97
82) 4-Chlorotoluene	13.478	91	1589925	53.537	ug/l	100
83) tert-Butylbenzene	13.724	119	1671032	54.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.777	105	1887258	51.308	ug/l	100
85) sec-Butylbenzene	13.930	105	2575377	52.899	ug/l	100
86) p-Isopropyltoluene	14.053	119	2175744	50.741	ug/l	100
87) 1,3-Dichlorobenzene	14.059	146	1010177	49.756	ug/l	100
88) 1,4-Dichlorobenzene	14.147	146	1060119	49.465	ug/l	100
89) n-Butylbenzene	14.424	91	2343916	53.032	ug/l	100
90) Hexachloroethane	14.741	117	334610	49.940	ug/l	100
91) 1,2-Dichlorobenzene	14.482	146	966091	51.834	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	15.187	75	65080	53.189	ug/l	100
93) 1,2,4-Trichlorobenzene	16.010	180	699962	58.501	ug/l	100
94) Hexachlorobutadiene	16.133	225	305343	55.279	ug/l	100
95) Naphthalene	16.310	128	1330594	51.211	ug/l	100
96) 1,2,3-Trichlorobenzene	16.545	180	594450	58.444	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
Data File : VR026793.D
Acq On : 4 Dec 2025 13:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_R/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Quant Time: Dec 05 03:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:44:50 2025
Response via : Initial Calibration

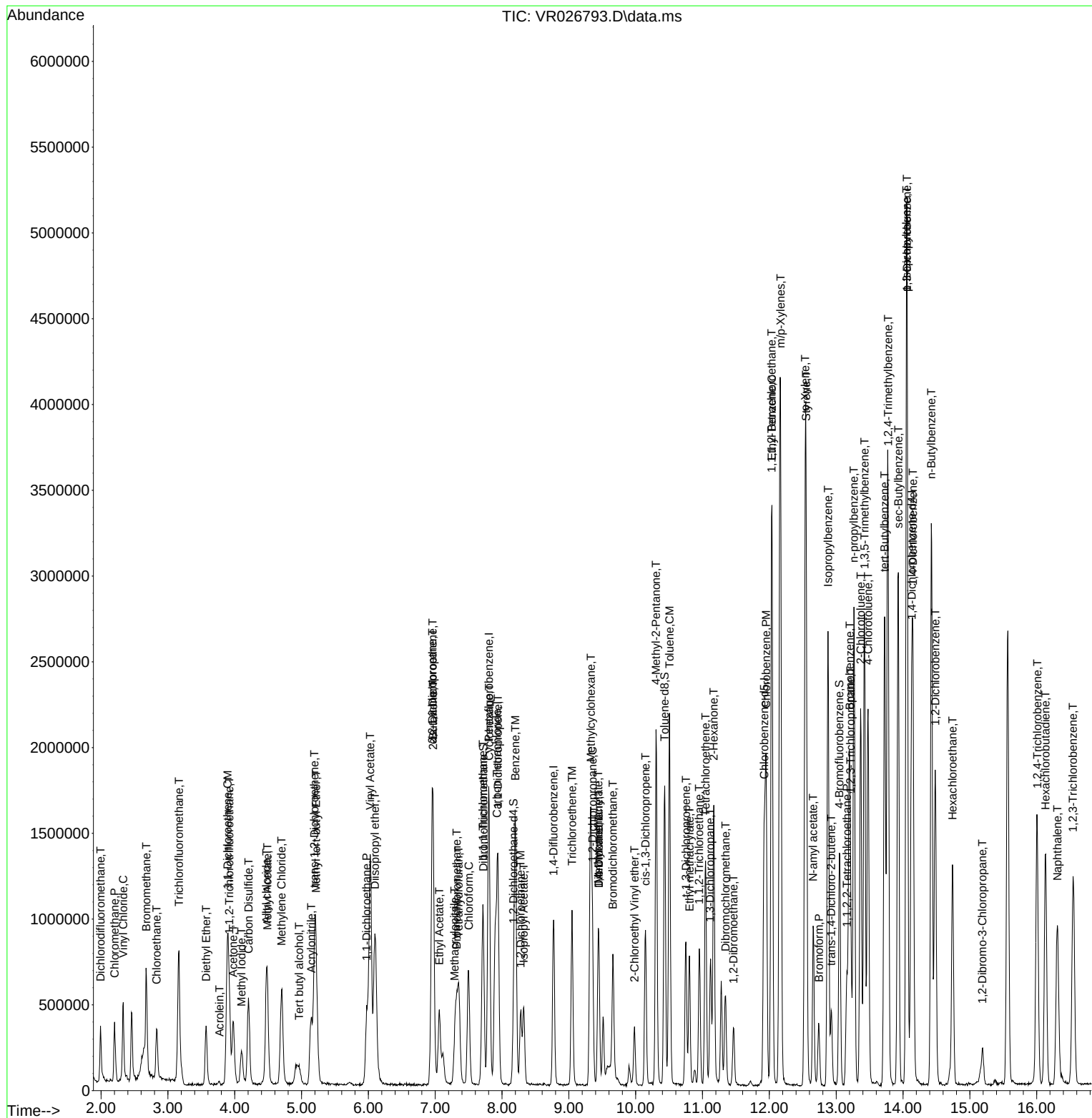
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

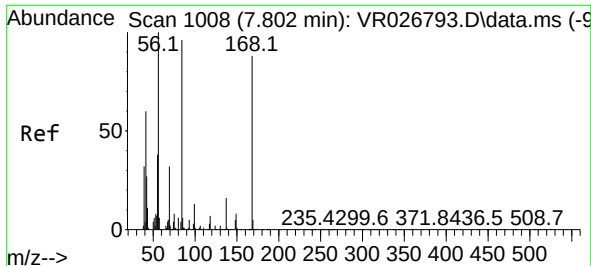
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
Data File : VR026793.D
Acq On : 4 Dec 2025 13:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_R/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Quant Time: Dec 05 03:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:44:50 2025
Response via : Initial Calibration

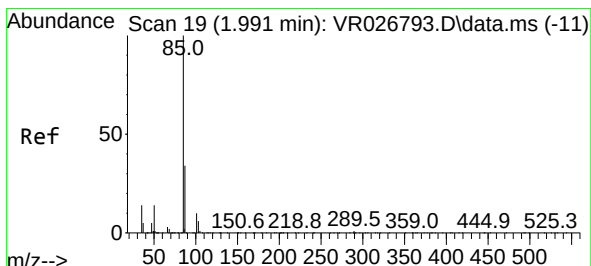
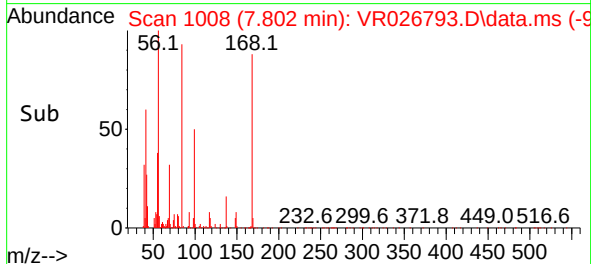
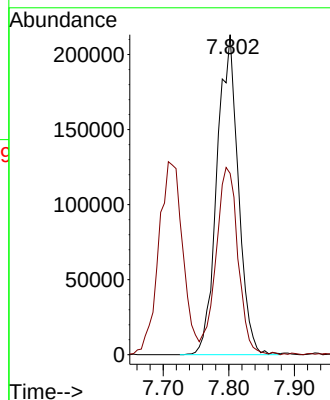
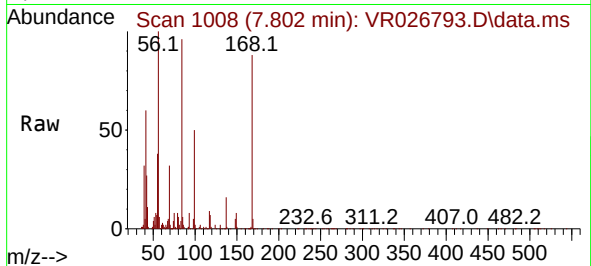




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.802 min Scan# 10
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

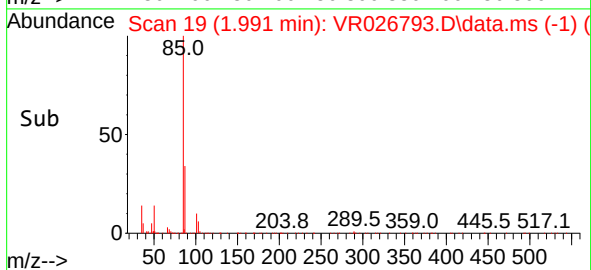
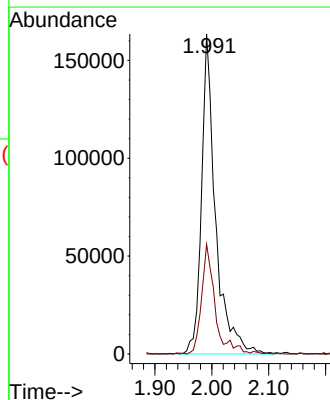
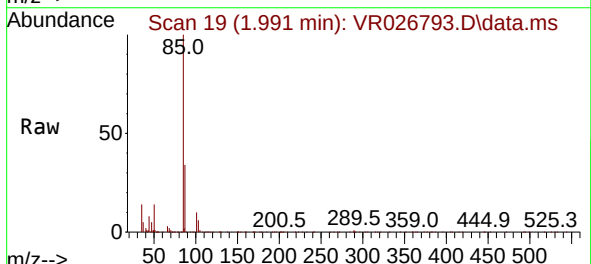
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

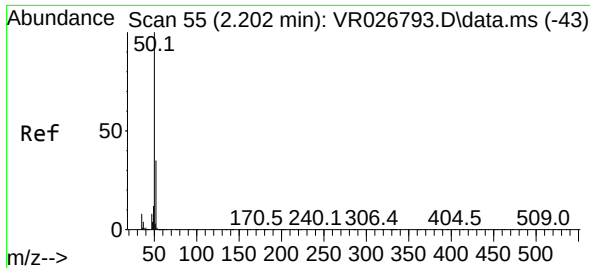
Tgt Ion:168 Resp: 479720
Ion Ratio Lower Upper
168 100
99 56.6 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 51.707 ug/l
RT: 1.991 min Scan# 19
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 85 Resp: 279844
Ion Ratio Lower Upper
85 100
87 34.1 17.1 51.2

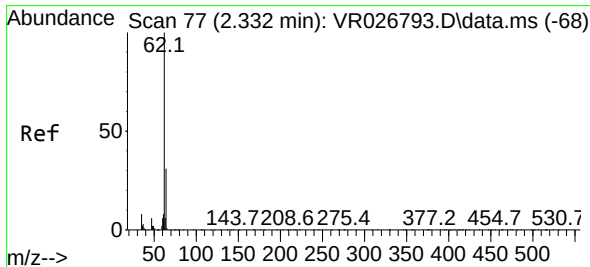
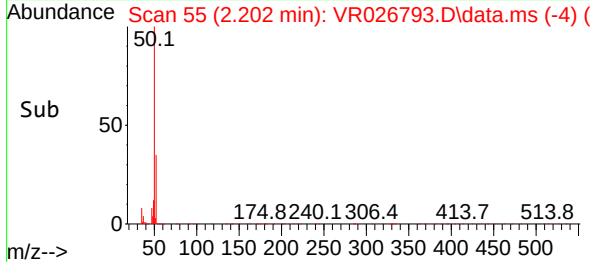
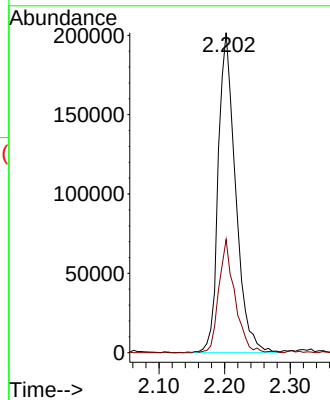
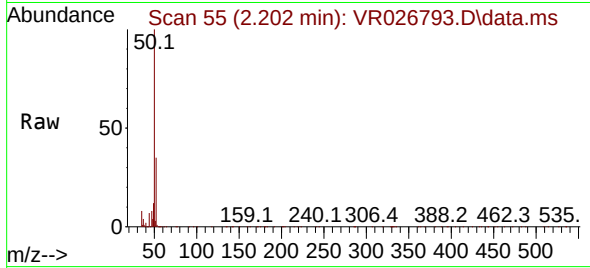




#3
Chloromethane
Concen: 49.350 ug/l
RT: 2.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

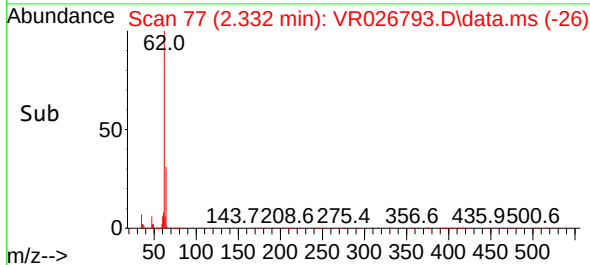
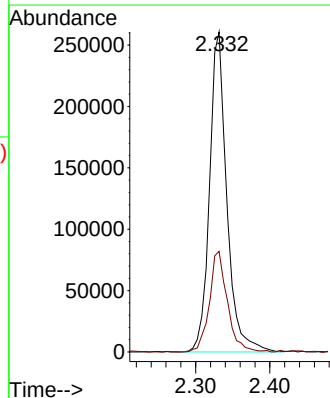
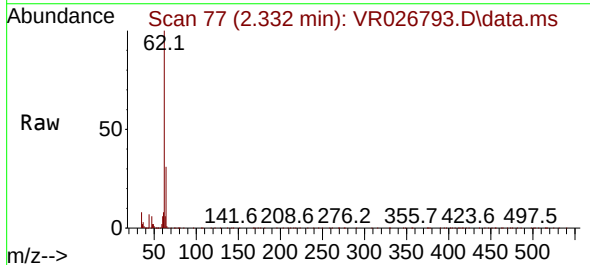
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

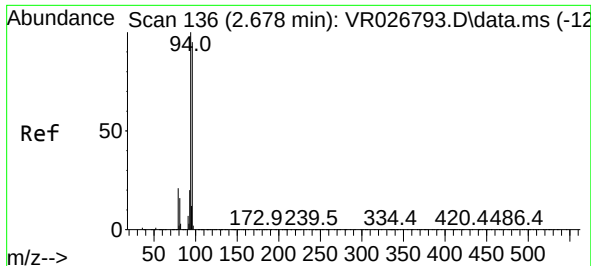
Tgt Ion: 50 Resp: 368794
Ion Ratio Lower Upper
50 100
52 35.3 28.2 42.4



#4
Vinyl Chloride
Concen: 51.395 ug/l
RT: 2.332 min Scan# 77
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 62 Resp: 421704
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

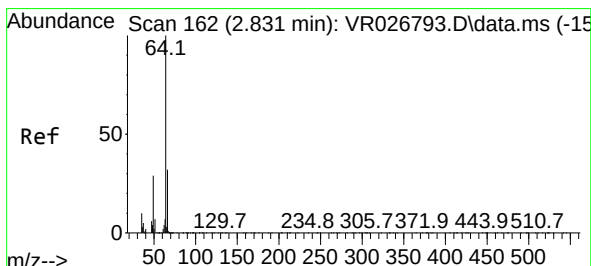
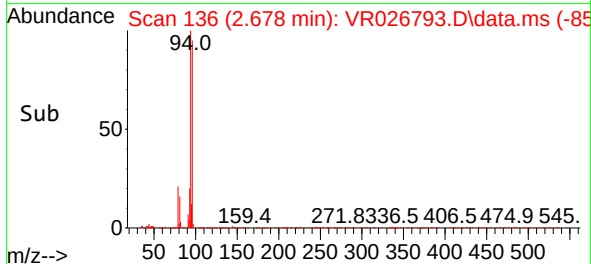
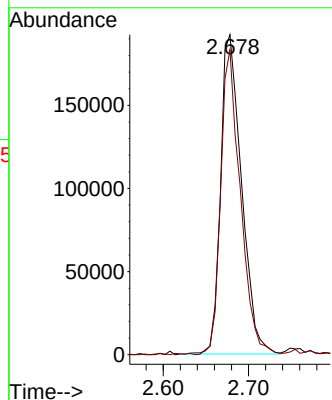
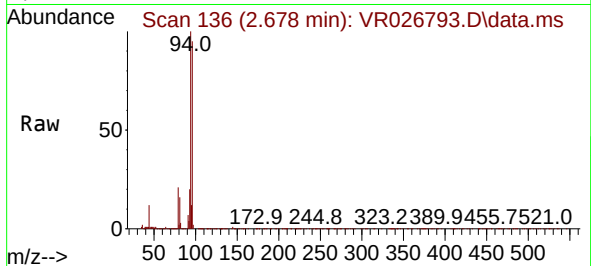




#5
Bromomethane
Concen: 47.025 ug/l
RT: 2.678 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

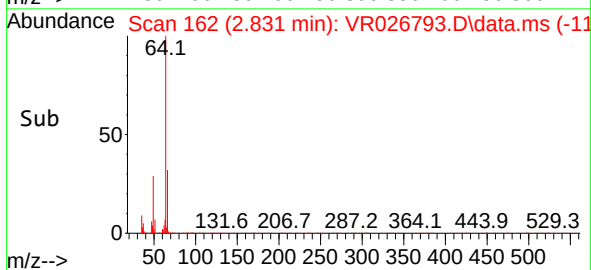
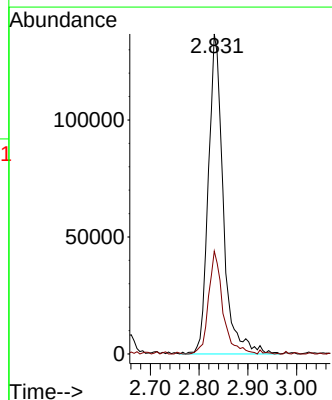
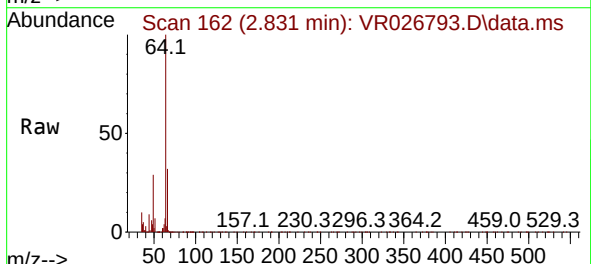
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

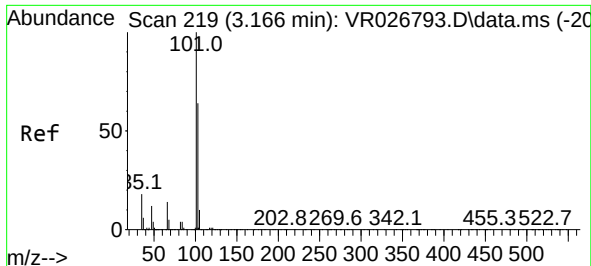
Tgt Ion: 94 Resp: 327980
Ion Ratio Lower Upper
94 100
96 95.2 76.2 114.2



#6
Chloroethane
Concen: 51.072 ug/l
RT: 2.831 min Scan# 162
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 64 Resp: 289938
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

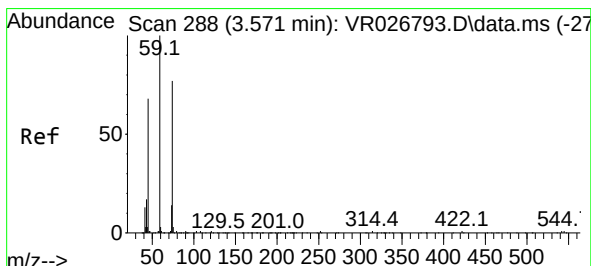
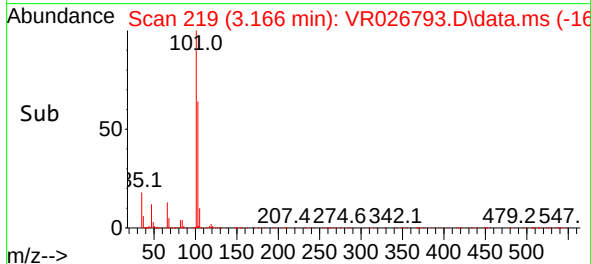
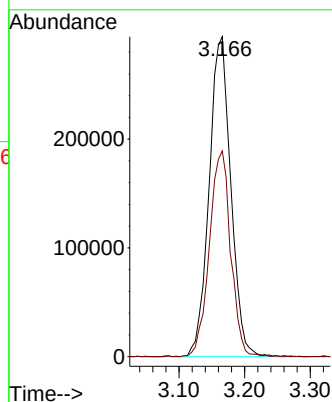
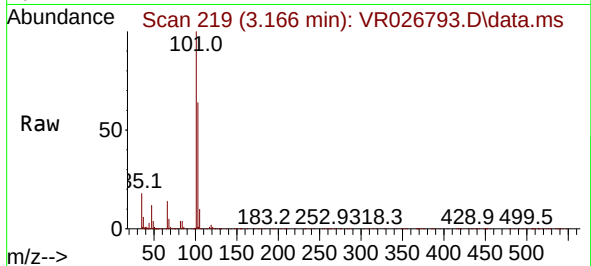




#7
 Trichlorofluoromethane
 Concen: 51.639 ug/l
 RT: 3.166 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

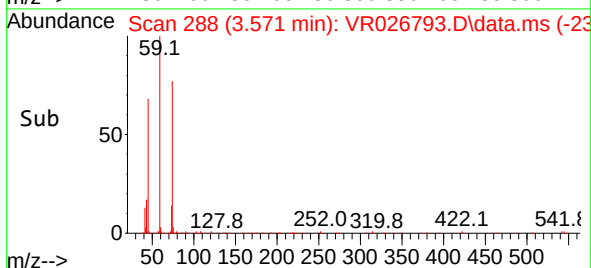
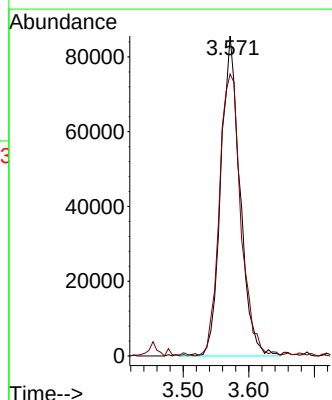
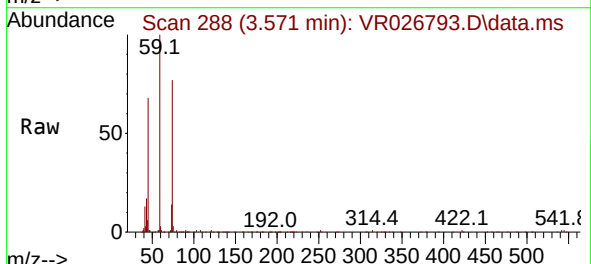
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

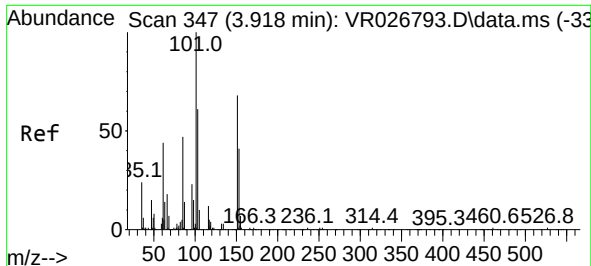
Tgt Ion:101 Resp: 675402
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 56.370 ug/l
 RT: 3.571 min Scan# 288
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Tgt Ion: 74 Resp: 172519
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.9 149.7

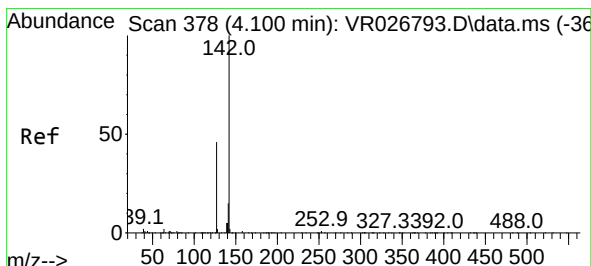
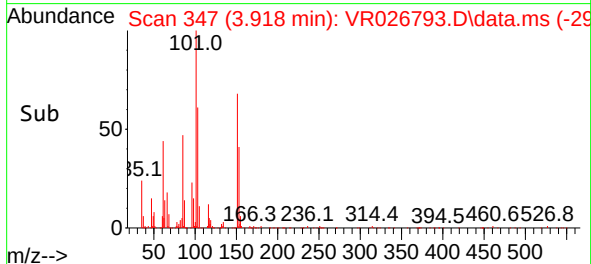
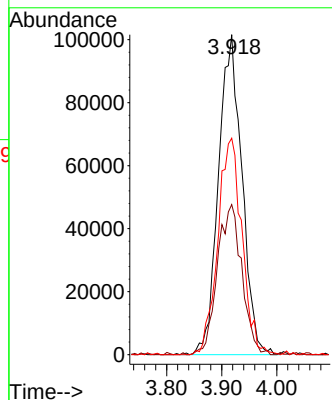
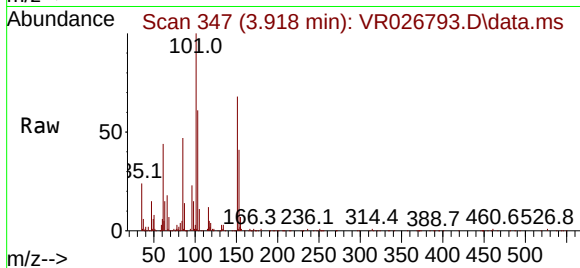




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.934 ug/l
RT: 3.918 min Scan# 347
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

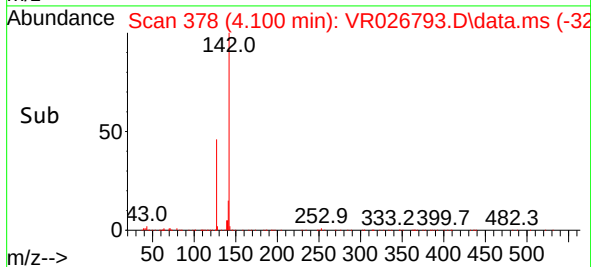
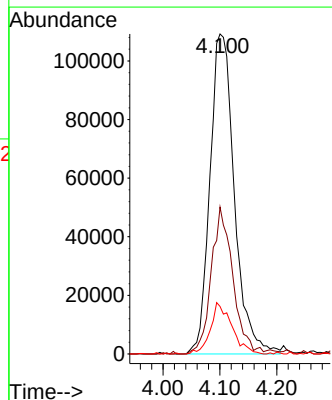
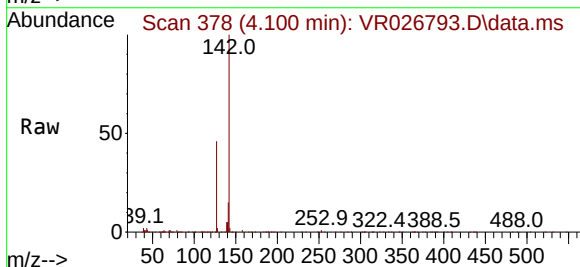
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

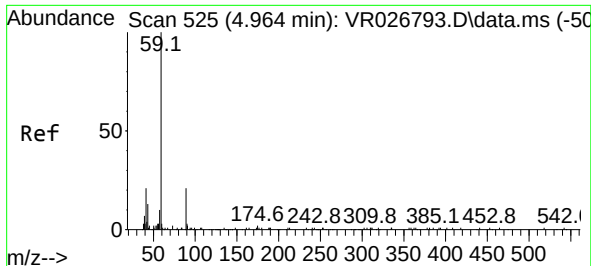
Tgt Ion:101 Resp: 300258
Ion Ratio Lower Upper
101 100
85 49.1 39.3 58.9
151 69.8 55.8 83.8



#10
Methyl Iodide
Concen: 45.610 ug/l
RT: 4.100 min Scan# 378
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:142 Resp: 325878
Ion Ratio Lower Upper
142 100
127 40.7 32.6 48.8
141 14.1 11.3 16.9

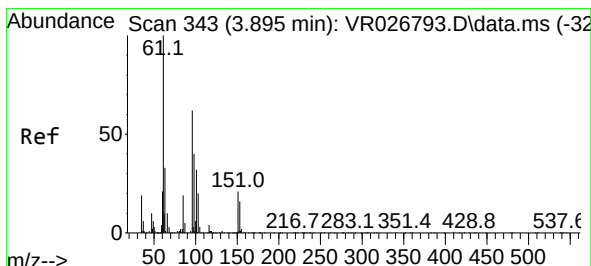
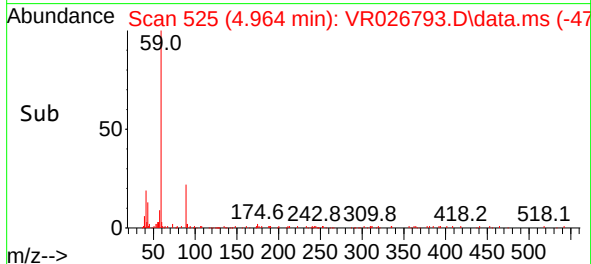
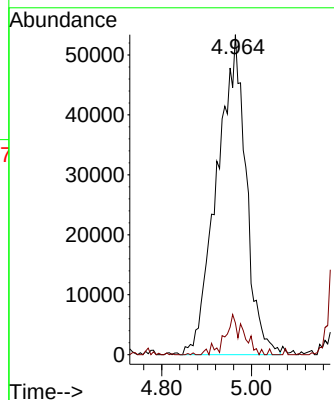
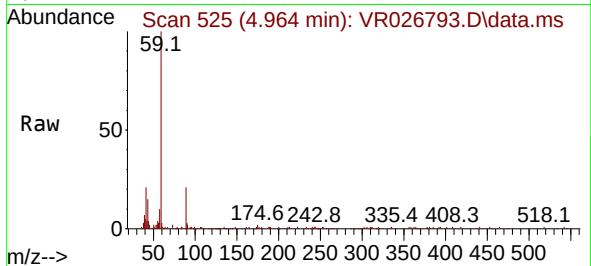




#11
Tert butyl alcohol
Concen: 122.993 ug/l
RT: 4.964 min Scan# 511
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

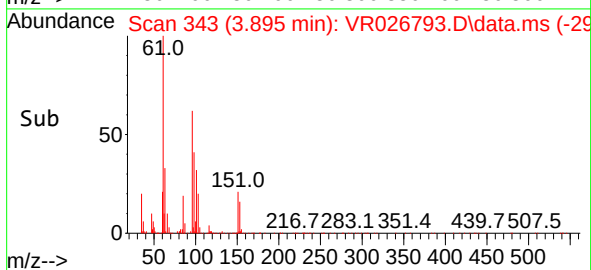
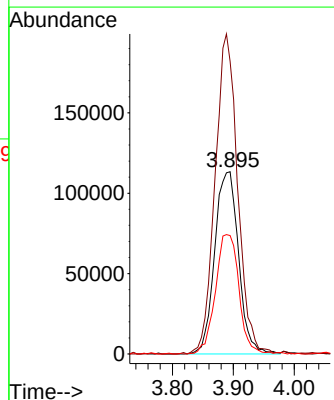
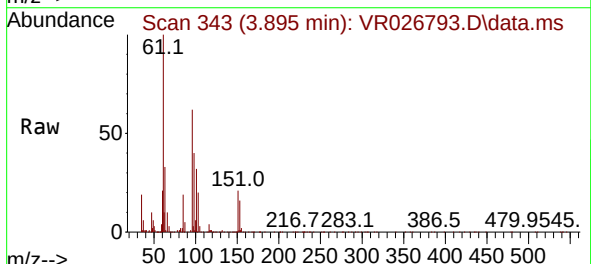
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

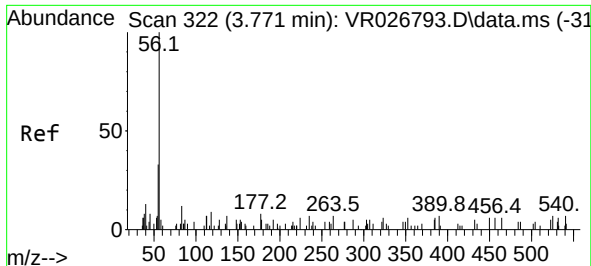
Tgt Ion: 59 Resp: 240307
Ion Ratio Lower Upper
59 100
57 3.9 3.1 4.7



#12
1,1-Dichloroethene
Concen: 51.375 ug/l
RT: 3.895 min Scan# 343
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 96 Resp: 307930
Ion Ratio Lower Upper
96 100
61 160.3 128.2 192.4
98 64.8 51.8 77.8

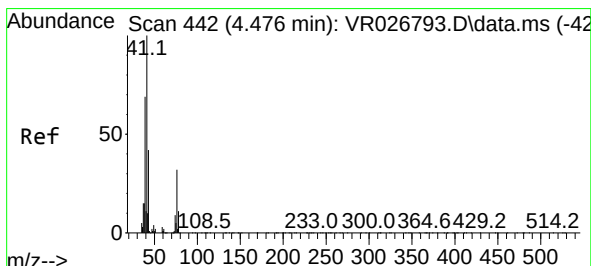
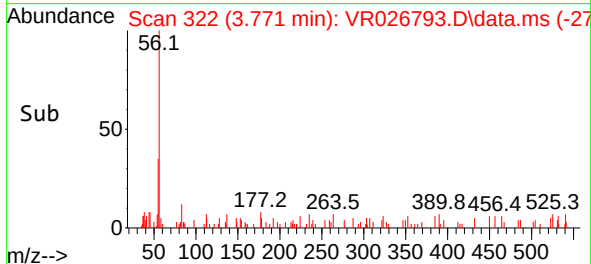
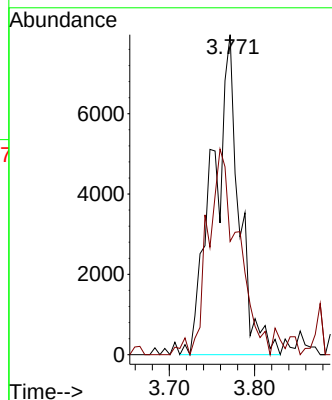
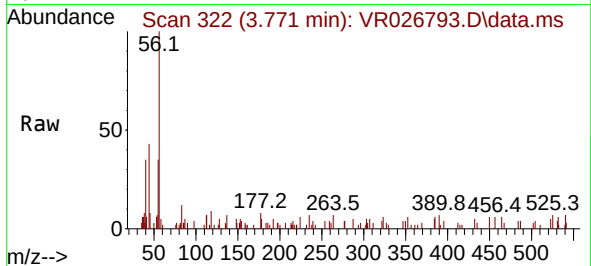




#13
Acrolein
Concen: 120.085 ug/l
RT: 3.771 min Scan# 31
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

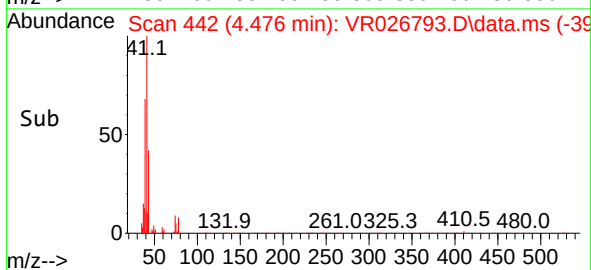
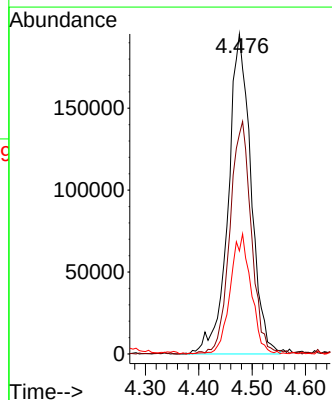
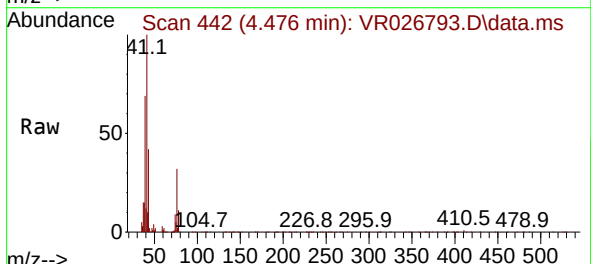
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

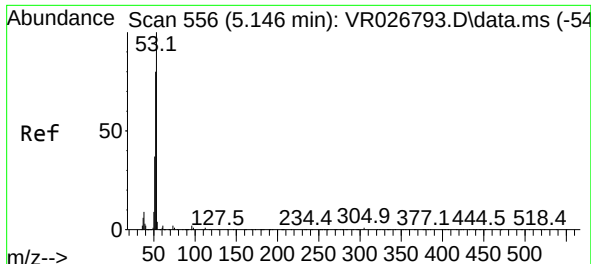
Tgt Ion: 56 Resp: 17219
Ion Ratio Lower Upper
56 100
55 73.1 58.5 87.7



#14
Allyl chloride
Concen: 52.879 ug/l
RT: 4.476 min Scan# 442
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 41 Resp: 578801
Ion Ratio Lower Upper
41 100
39 68.7 55.0 82.4
76 34.1 27.3 40.9

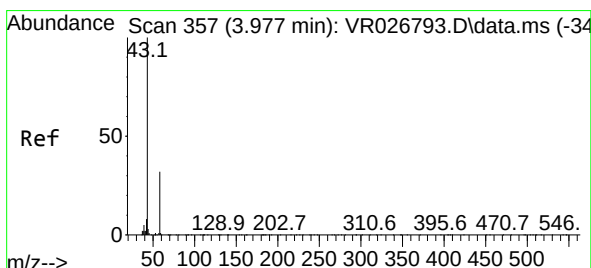
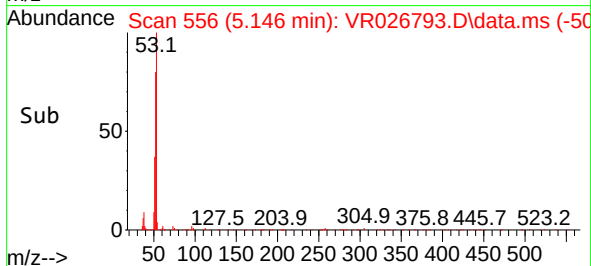
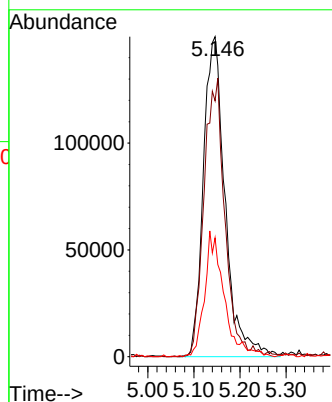
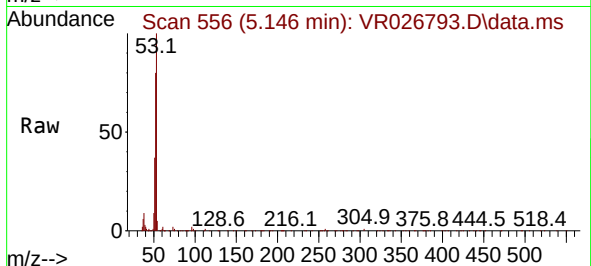




#15
Acrylonitrile
Concen: 280.042 ug/l
RT: 5.146 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

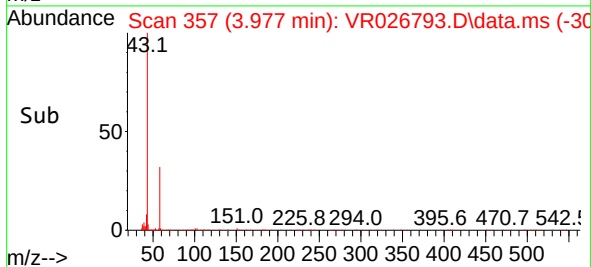
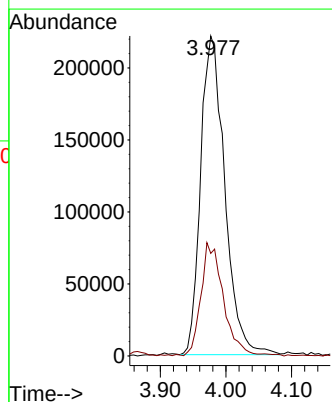
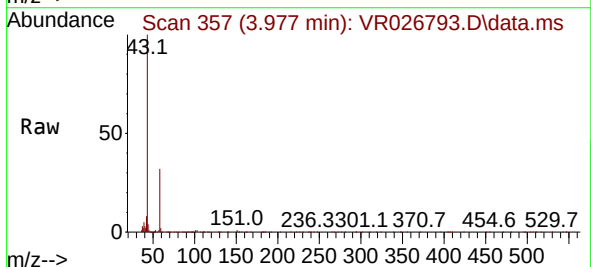
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

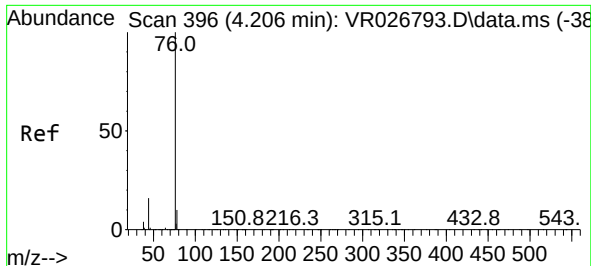
Tgt Ion:	53	Resp:	491740
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.9	98.9
51	35.1	28.1	42.1



#16
Acetone
Concen: 222.927 ug/l
RT: 3.977 min Scan# 357
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:	43	Resp:	566622
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.5	38.3

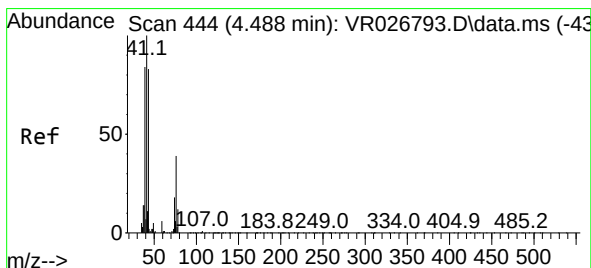
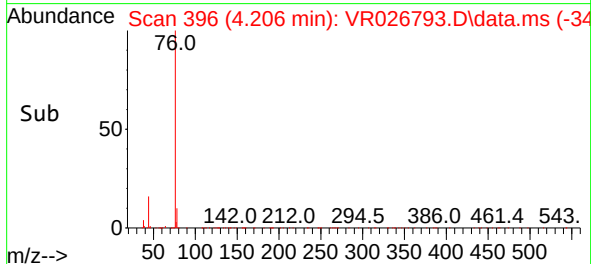
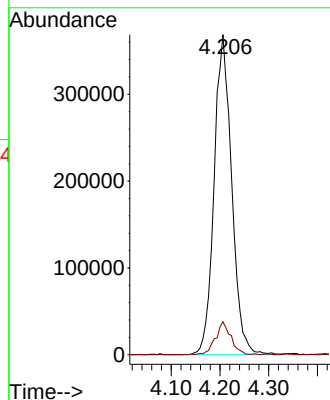
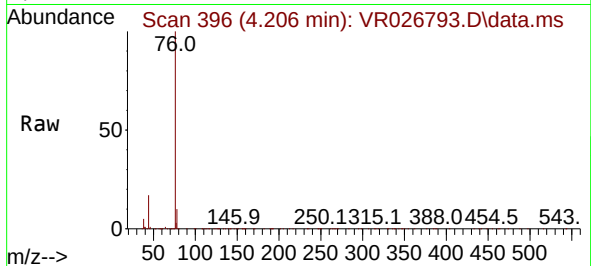




#17
Carbon Disulfide
Concen: 50.470 ug/l
RT: 4.206 min Scan# 396
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

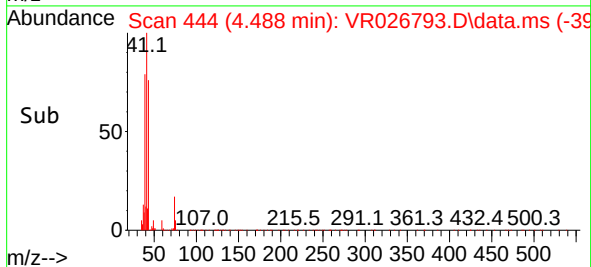
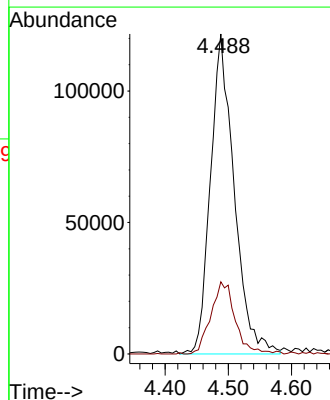
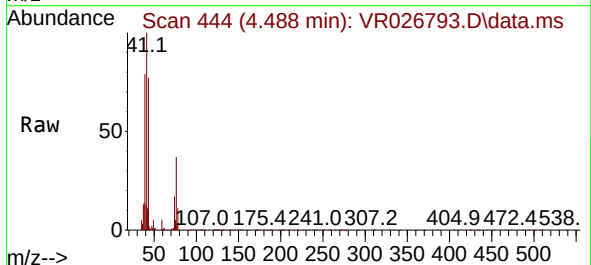
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

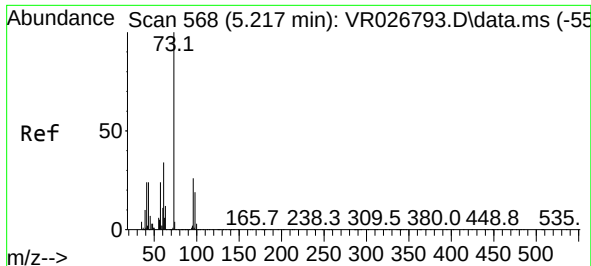
Tgt Ion: 76 Resp: 923661
Ion Ratio Lower Upper
76 100
78 10.3 8.2 12.4



#18
Methyl Acetate
Concen: 53.663 ug/l
RT: 4.488 min Scan# 444
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 43 Resp: 317106
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5

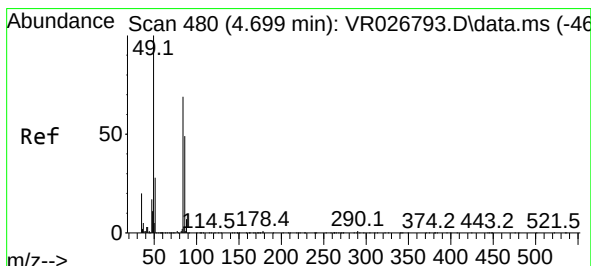
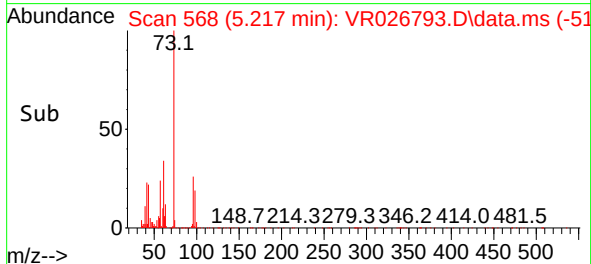
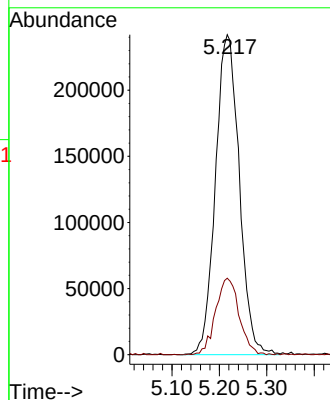
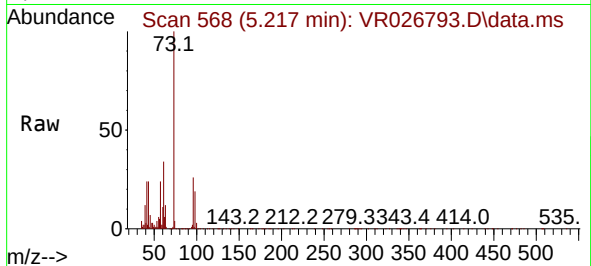




#19
Methyl tert-butyl Ether
Concen: 54.735 ug/l
RT: 5.217 min Scan# 50
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

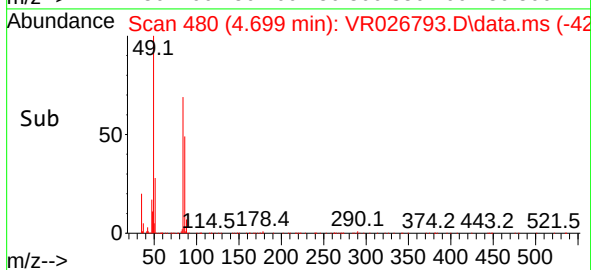
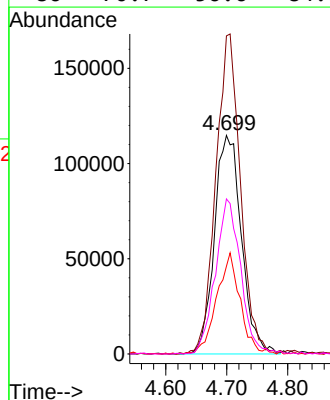
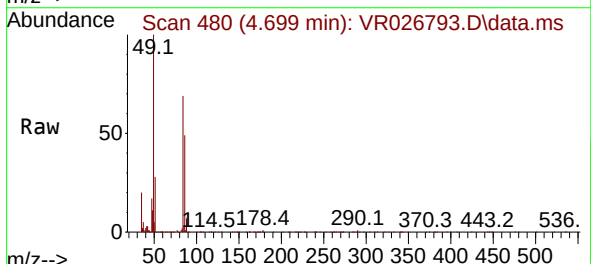
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

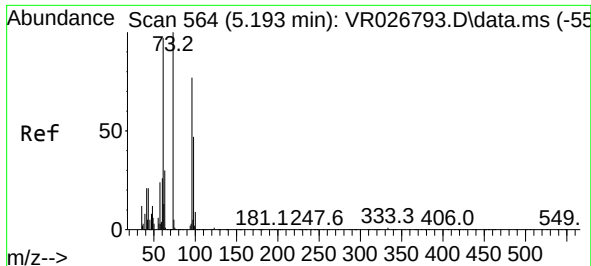
Tgt Ion: 73 Resp: 843022
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7



#20
Methylene Chloride
Concen: 48.551 ug/l
RT: 4.699 min Scan# 480
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 84 Resp: 353732
Ion Ratio Lower Upper
84 100
49 144.9 115.9 173.9
51 39.9 31.9 47.9
86 70.7 56.6 84.8

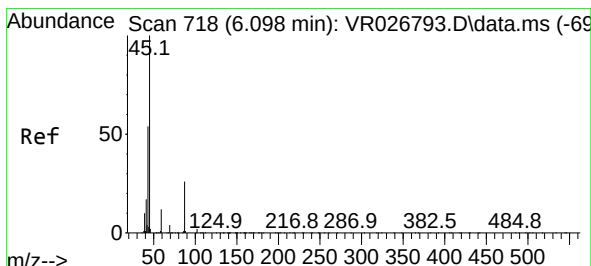
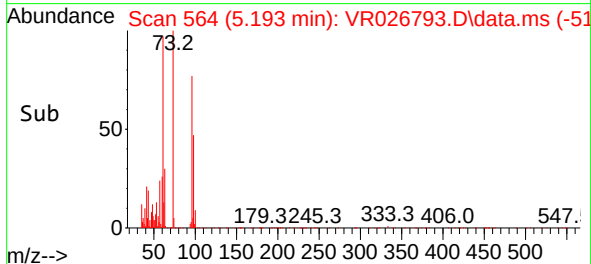
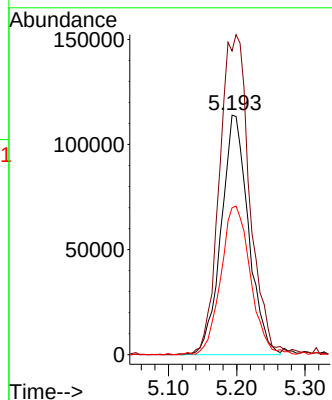
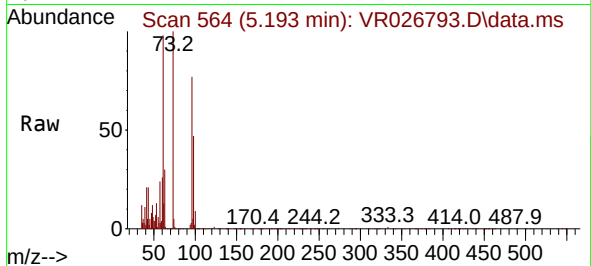




#21
trans-1,2-Dichloroethene
Concen: 48.518 ug/l
RT: 5.193 min Scan# 564
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

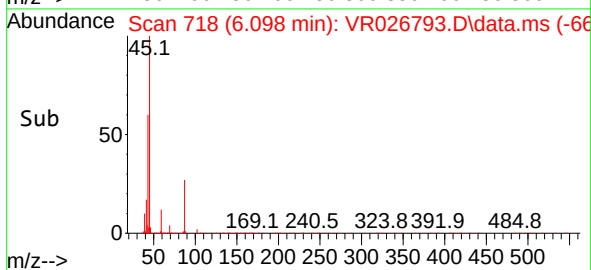
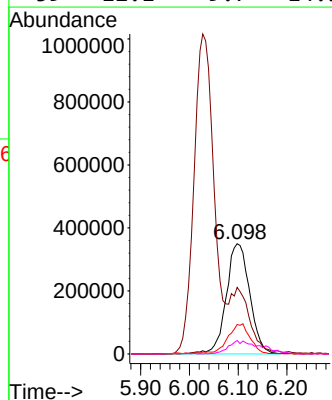
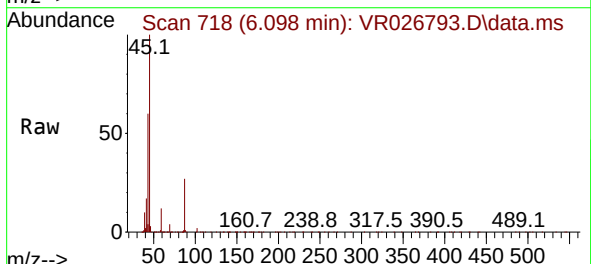
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

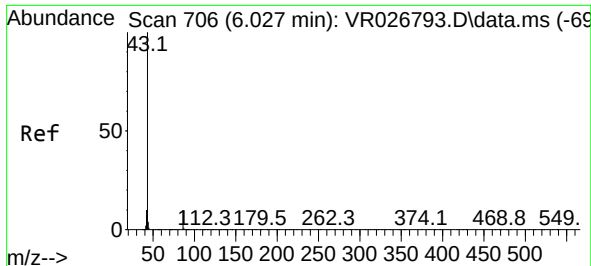
Tgt Ion: 96 Resp: 316758
Ion Ratio Lower Upper
96 100
61 126.5 101.2 151.8
98 61.2 49.0 73.4



#22
Diisopropyl ether
Concen: 52.451 ug/l
RT: 6.098 min Scan# 718
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 45 Resp: 1166914
Ion Ratio Lower Upper
45 100
43 58.3 46.6 70.0
87 26.4 21.1 31.7
59 12.1 9.7 14.5

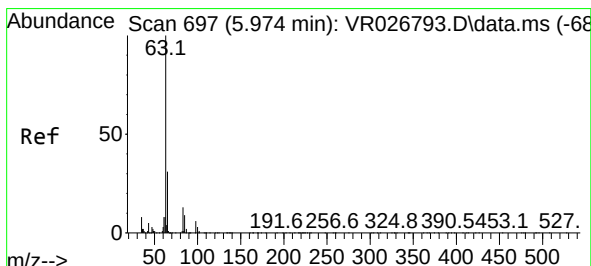
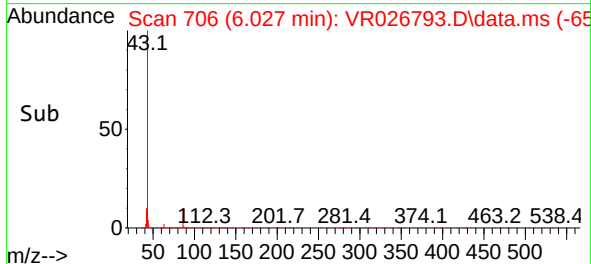
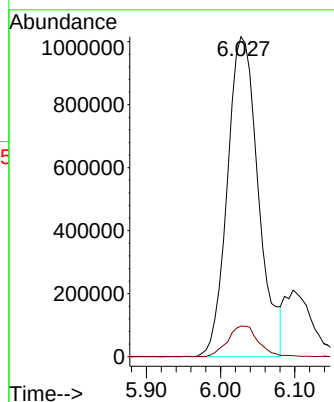
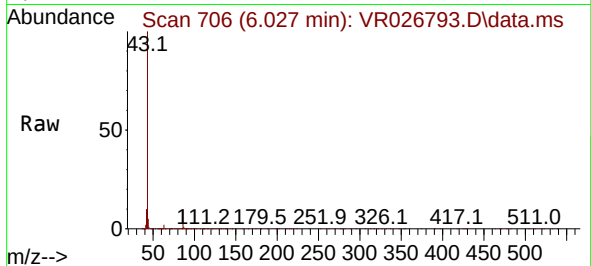




#23
 Vinyl Acetate
 Concen: 270.903 ug/l
 RT: 6.027 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

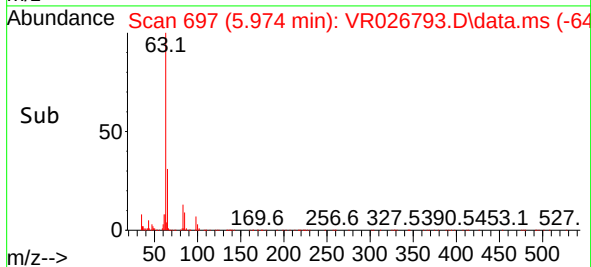
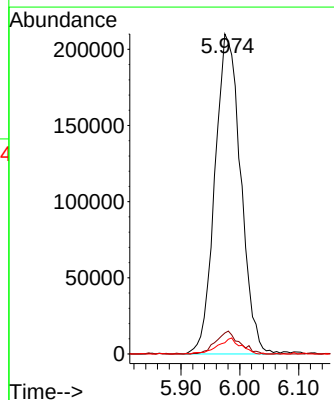
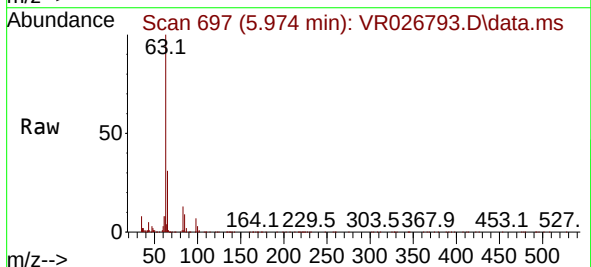
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

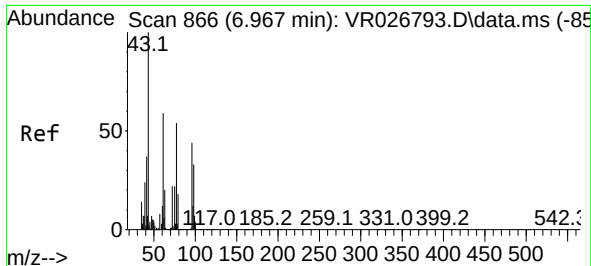
Tgt Ion: 43 Resp: 2947030
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.205 ug/l
 RT: 5.974 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Tgt Ion: 63 Resp: 639997
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.5 1.8 5.3

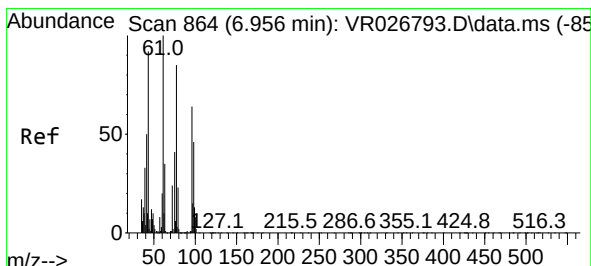
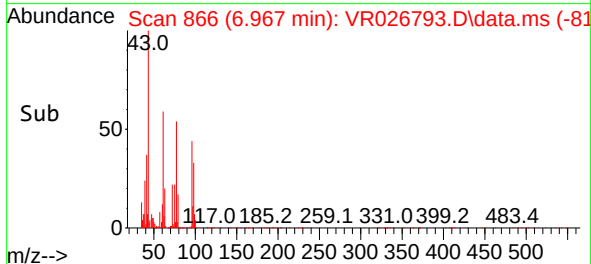
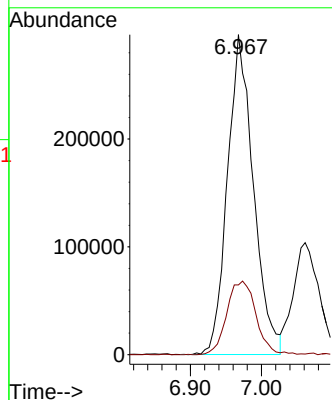
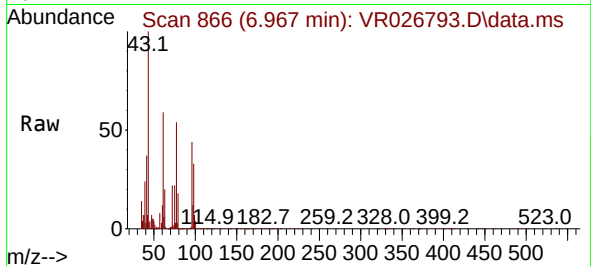




#25
2-Butanone
Concen: 240.202 ug/l
RT: 6.967 min Scan# 866
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

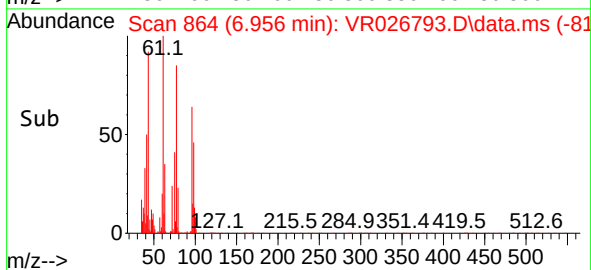
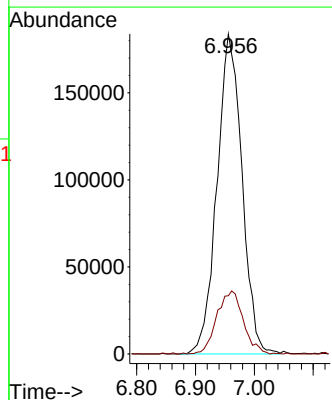
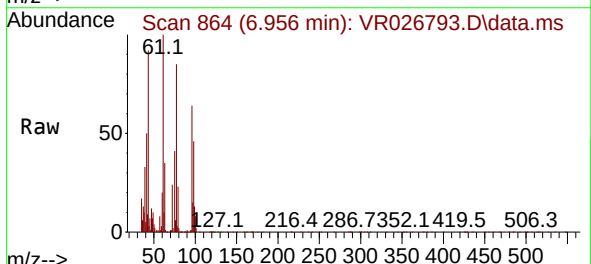
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

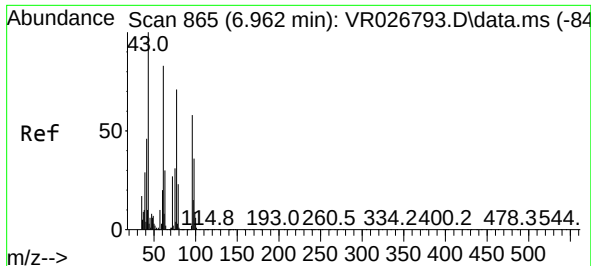
Tgt Ion: 43 Resp: 752063
Ion Ratio Lower Upper
43 100
72 21.8 17.4 26.2



#26
2,2-Dichloropropane
Concen: 50.082 ug/l
RT: 6.956 min Scan# 864
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 77 Resp: 541245
Ion Ratio Lower Upper
77 100
97 20.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.790 ug/l

RT: 6.962 min Scan# 865

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

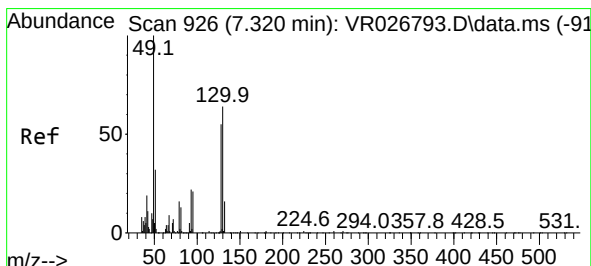
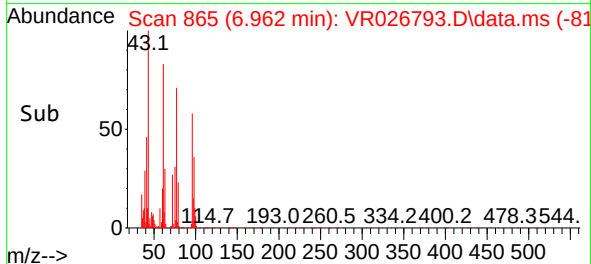
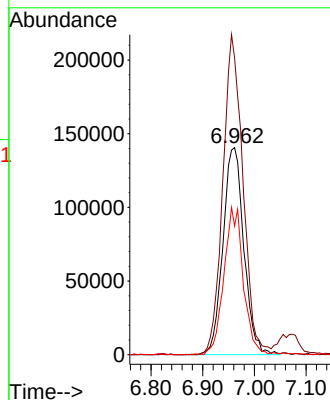
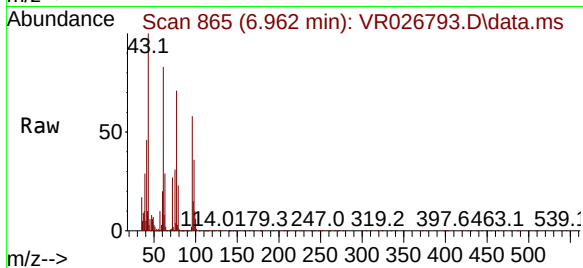
Tgt Ion: 96 Resp: 394753

Ion Ratio Lower Upper

96 100

61 148.3 0.0 296.6

98 66.0 0.0 132.0



#28

Bromochloromethane

Concen: 52.185 ug/l

RT: 7.320 min Scan# 926

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

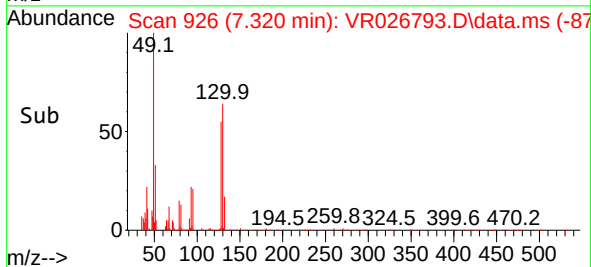
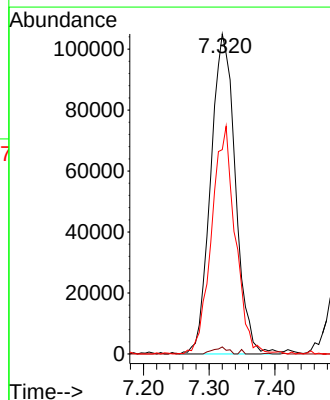
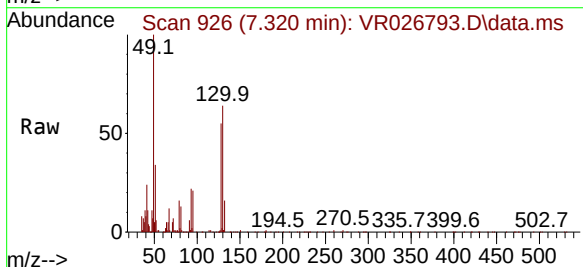
Tgt Ion: 49 Resp: 274253

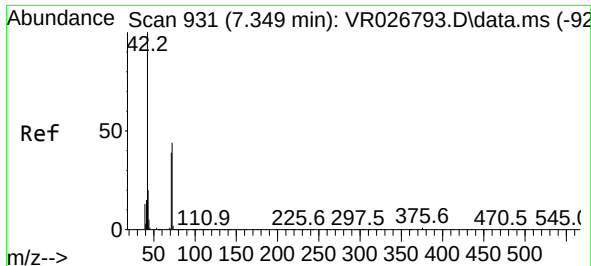
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.6

130 68.5 54.8 82.2





#29

Tetrahydrofuran

Concen: 290.909 ug/l

RT: 7.349 min Scan# 911

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

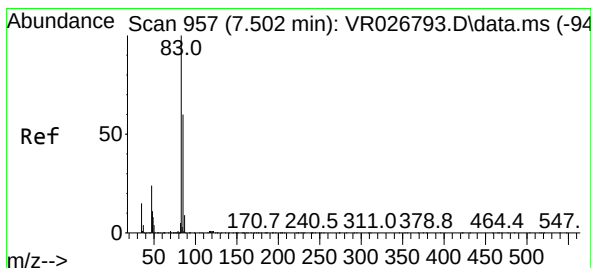
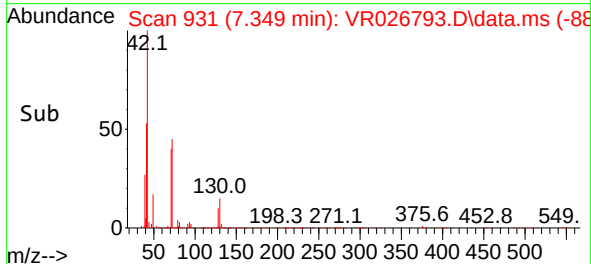
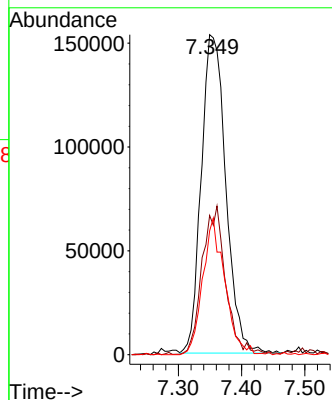
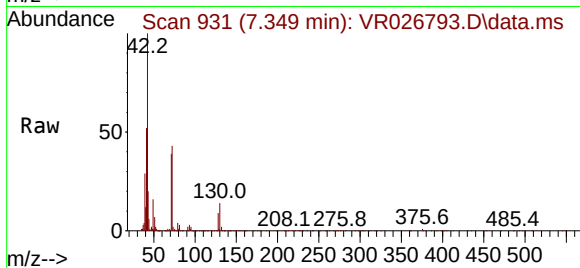
Tgt Ion: 42 Resp: 413976

Ion Ratio Lower Upper

42 100

72 44.3 35.4 53.2

71 38.5 30.8 46.2



#30

Chloroform

Concen: 51.249 ug/l

RT: 7.502 min Scan# 957

Delta R.T. 0.000 min

Lab File: VR026793.D

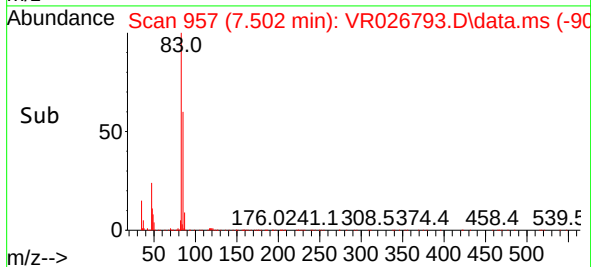
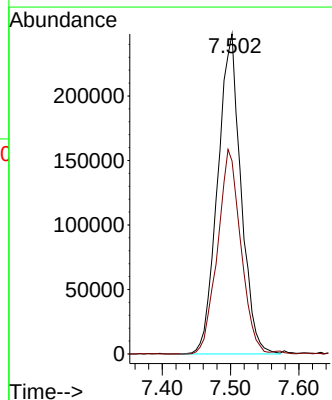
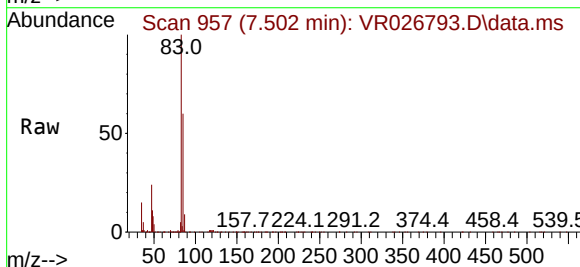
Acq: 4 Dec 2025 13:29

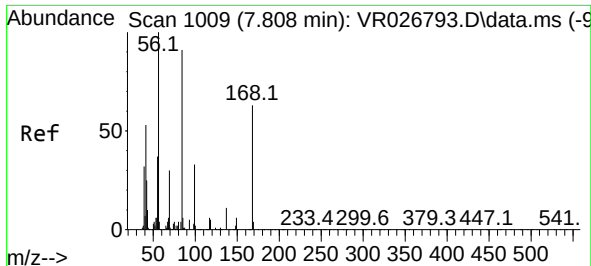
Tgt Ion: 83 Resp: 588640

Ion Ratio Lower Upper

83 100

85 60.3 48.2 72.4

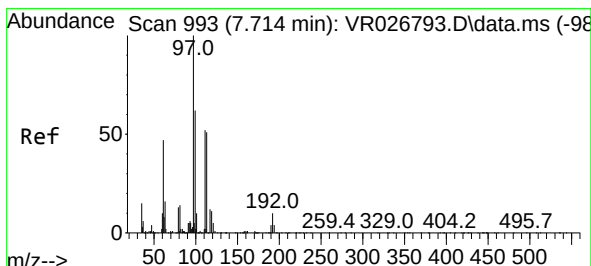
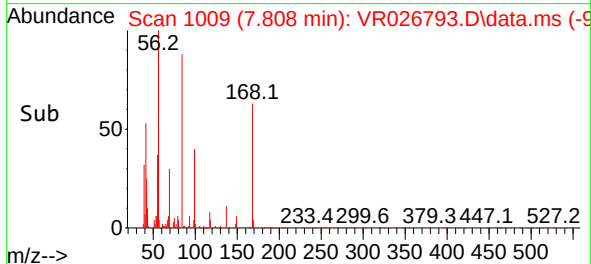
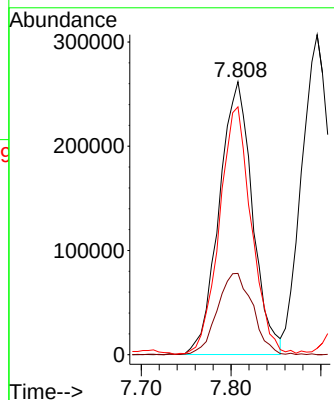
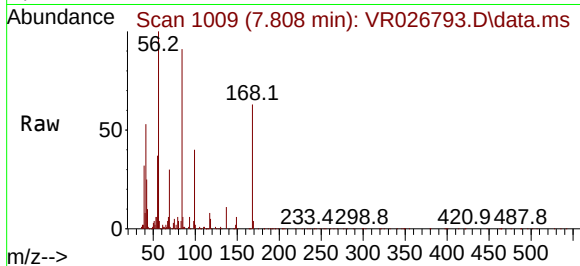




#31
Cyclohexane
Concen: 50.187 ug/l
RT: 7.808 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

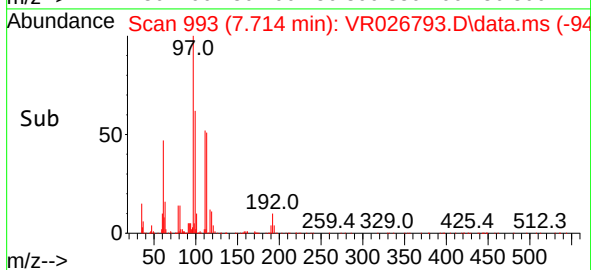
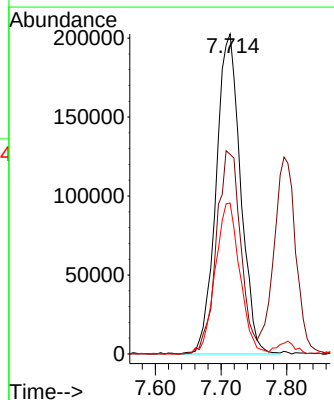
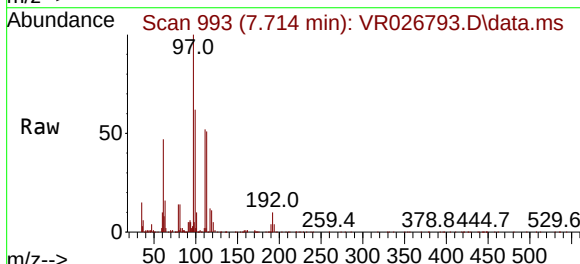
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

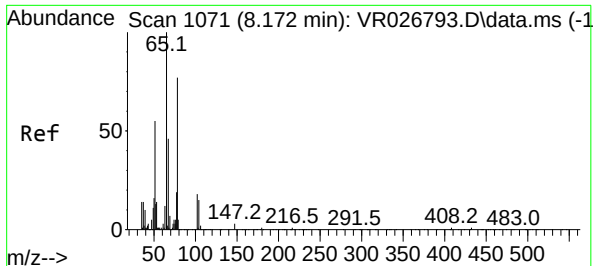
Tgt Ion: 56 Resp: 674050
Ion Ratio Lower Upper
56 100
69 29.7 23.8 35.6
84 90.4 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 52.515 ug/l
RT: 7.714 min Scan# 993
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 97 Resp: 524488
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 47.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 55.051 ug/l

RT: 8.172 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

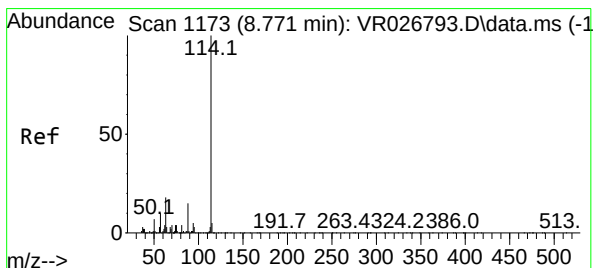
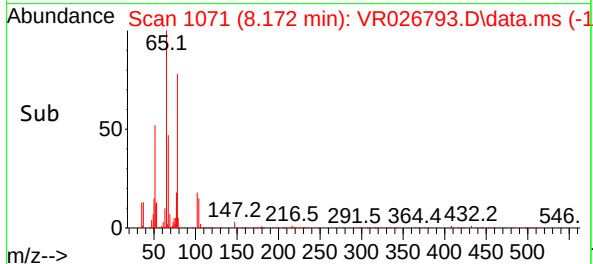
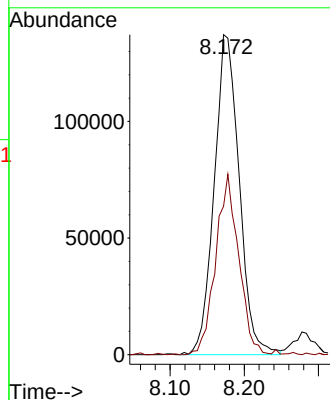
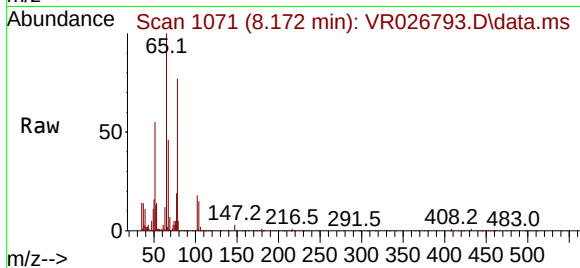
VSTDICCC050

Tgt Ion: 65 Resp: 321297

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.771 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

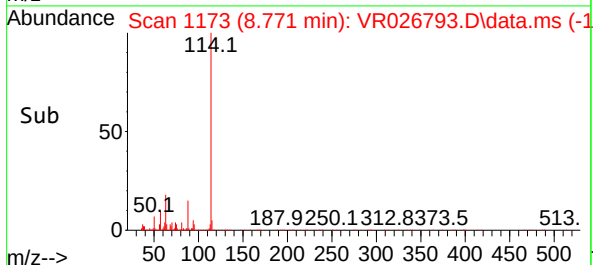
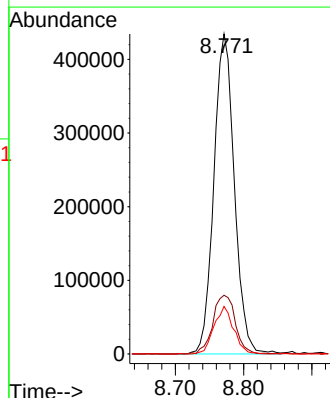
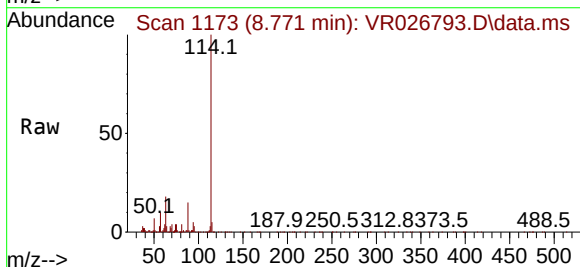
Tgt Ion: 114 Resp: 908779

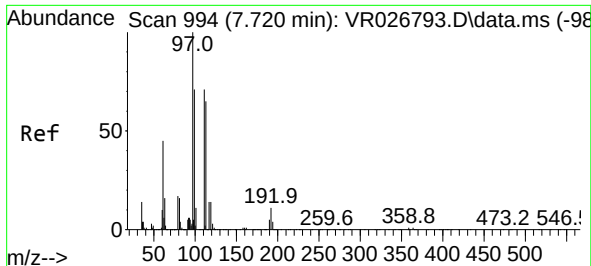
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.9 0.0 29.8

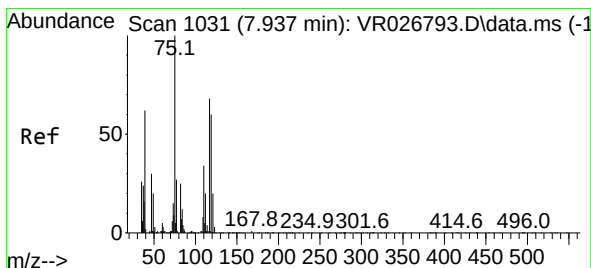
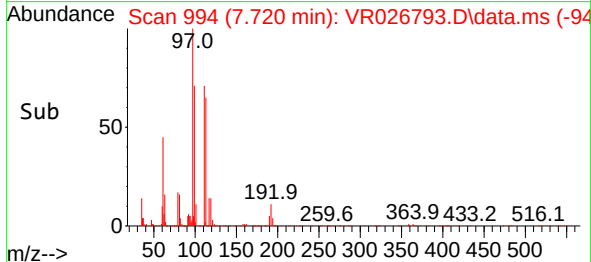
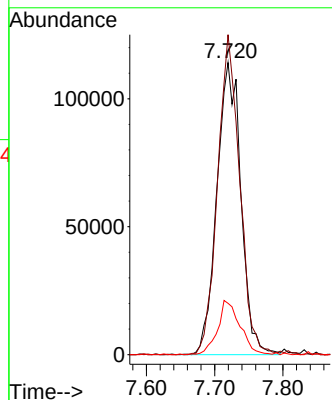
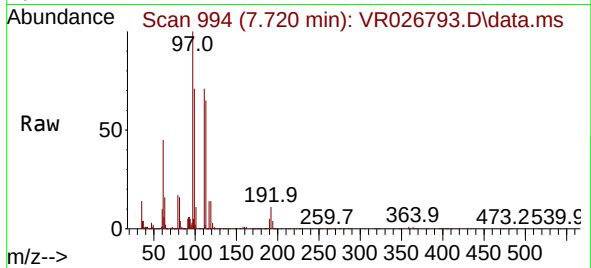




#35
Dibromofluoromethane
Concen: 54.379 ug/l
RT: 7.720 min Scan# 994
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

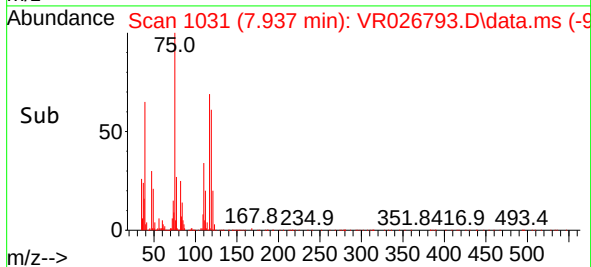
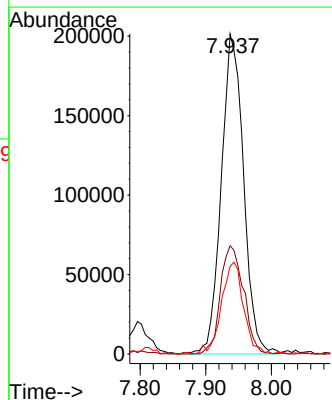
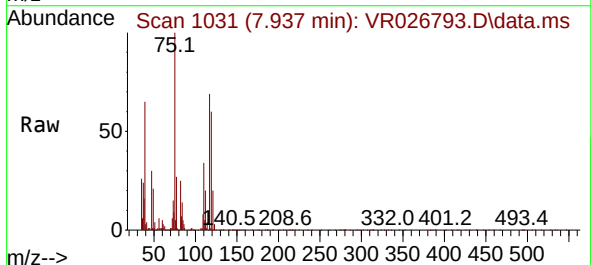
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

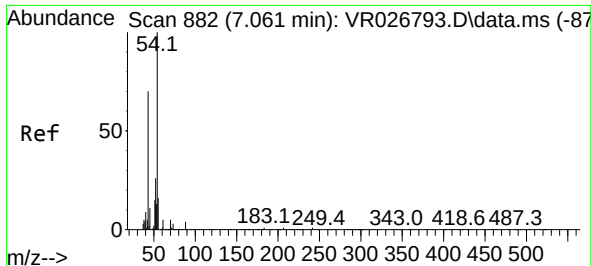
Tgt Ion:113 Resp: 280051
Ion Ratio Lower Upper
113 100
111 100.6 80.5 120.7
192 17.3 13.8 20.8



#36
1,1-Dichloropropene
Concen: 49.928 ug/l
RT: 7.937 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 474875
Ion Ratio Lower Upper
75 100
110 35.1 17.5 52.6
77 28.0 22.4 33.6

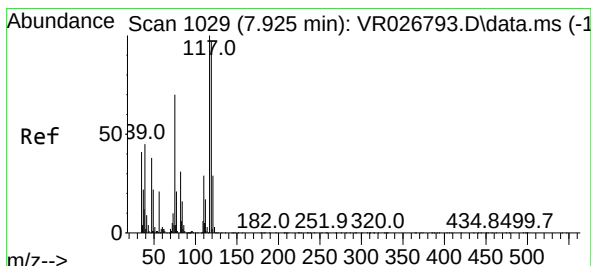
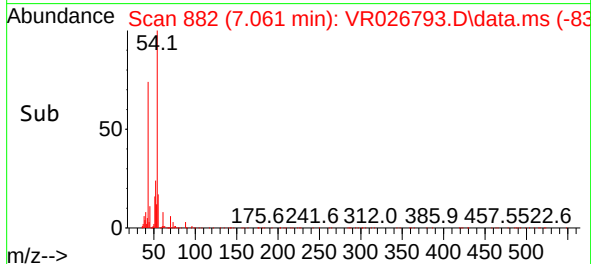
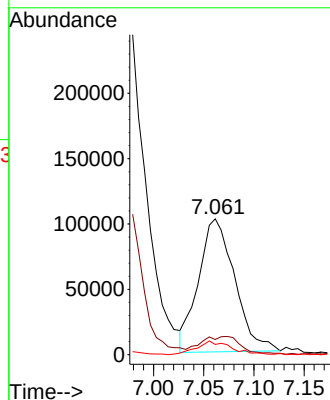
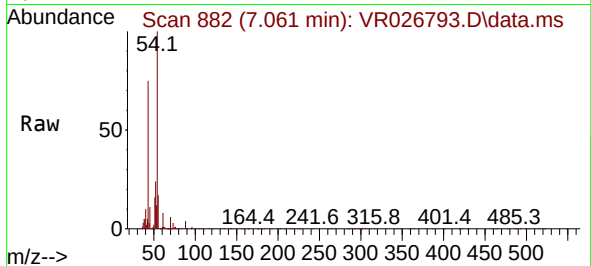




#37
Ethyl Acetate
Concen: 53.963 ug/l
RT: 7.061 min Scan# 882
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

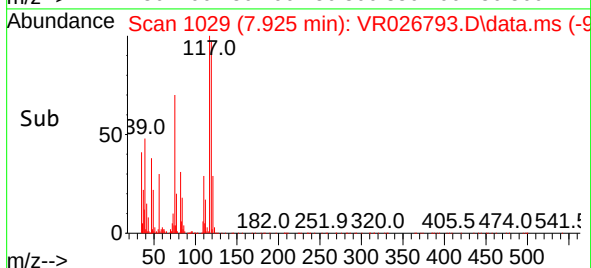
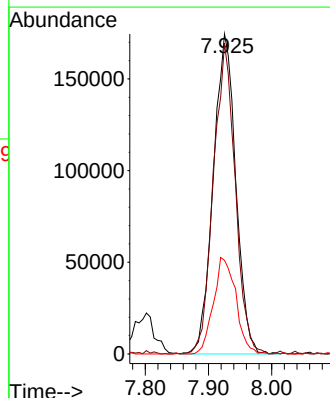
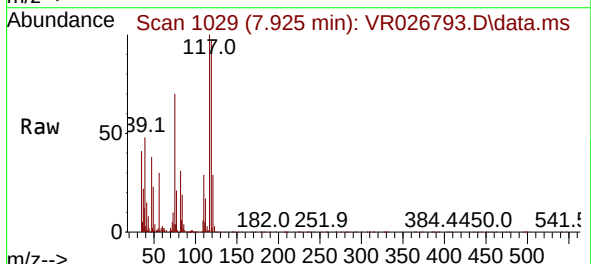
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

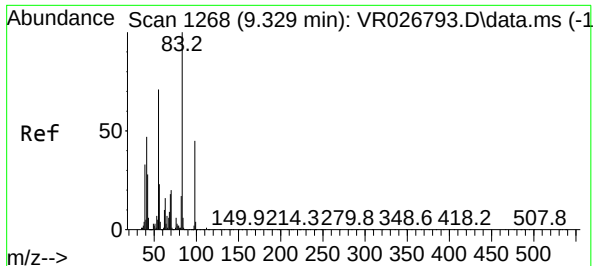
Tgt Ion: 43 Resp: 256276
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 51.096 ug/l
RT: 7.925 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 117 Resp: 431807
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 29.3 23.4 35.2

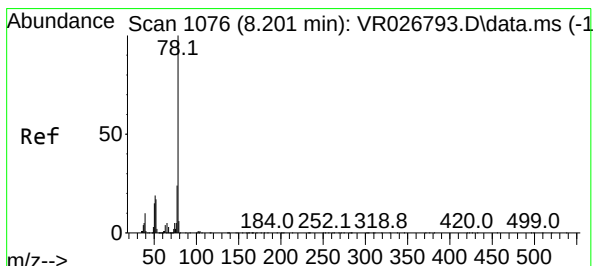
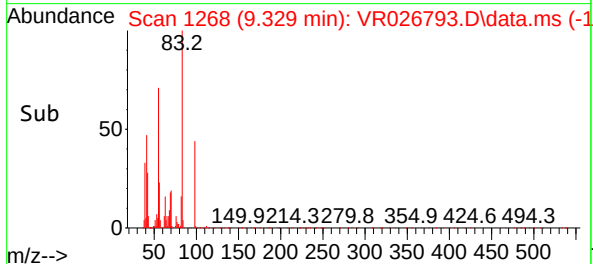
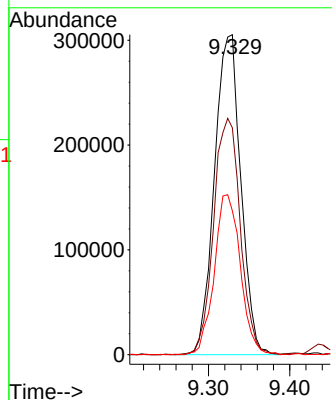
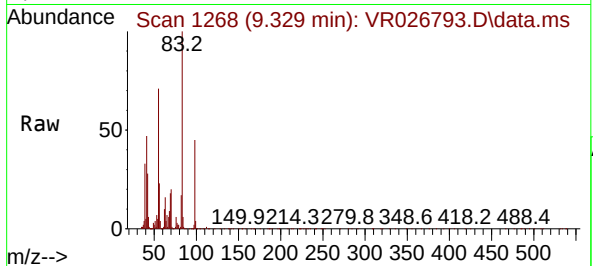




#39
Methylcyclohexane
Concen: 48.575 ug/l
RT: 9.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

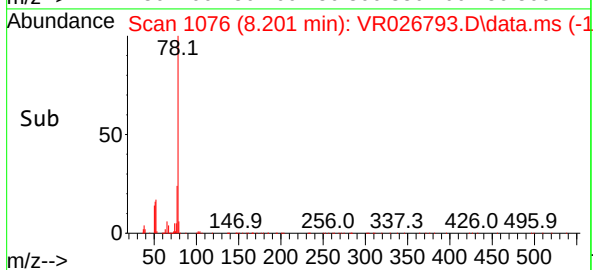
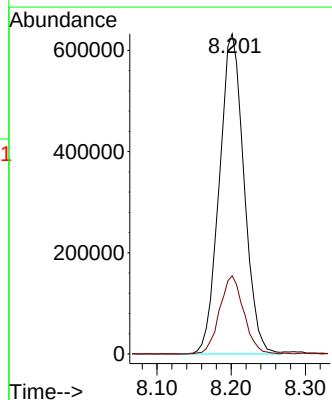
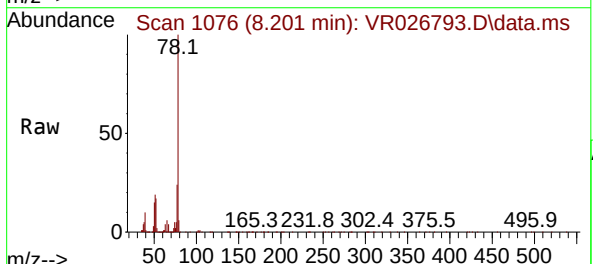
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

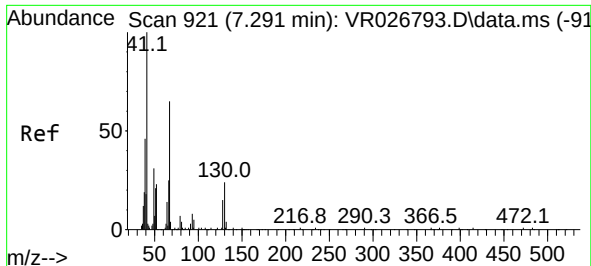
Tgt Ion: 83 Resp: 689186
Ion Ratio Lower Upper
83 100
55 70.8 56.6 85.0
98 45.0 36.0 54.0



#40
Benzene
Concen: 50.251 ug/l
RT: 8.201 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 78 Resp: 1463499
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3



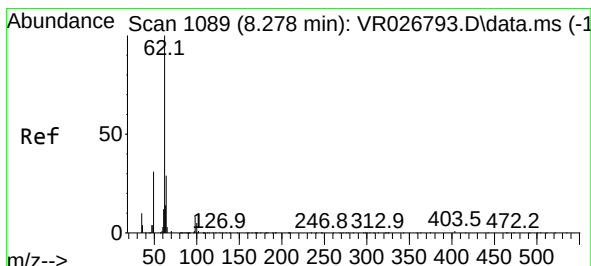
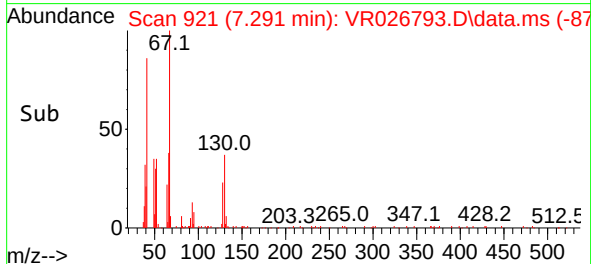
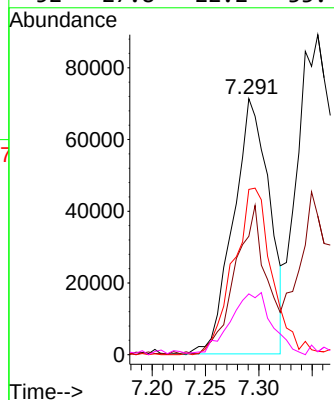
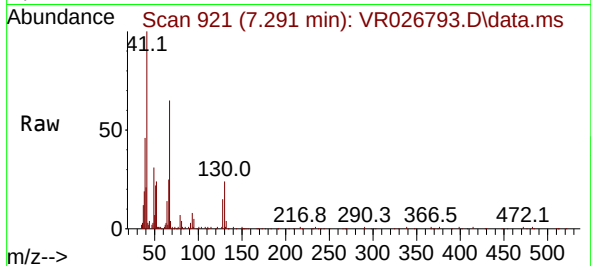


#41
Methacrylonitrile
Concen: 56.371 ug/l
RT: 7.291 min Scan# 91
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 167900

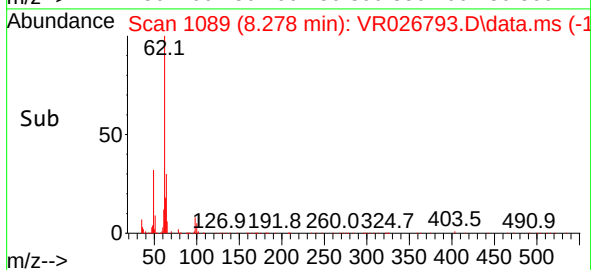
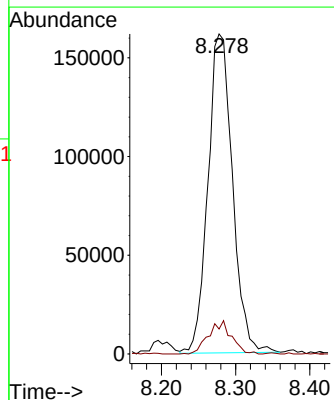
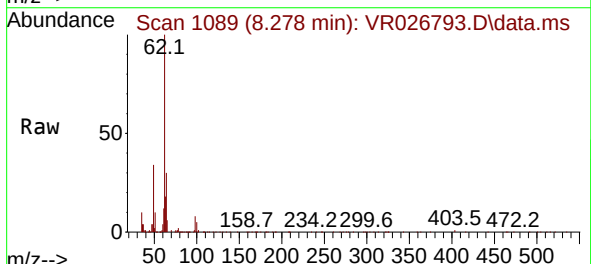
Ion	Ratio	Lower	Upper
41	100		
39	50.5	40.4	60.6
67	69.4	55.5	83.3
52	27.8	22.2	33.4

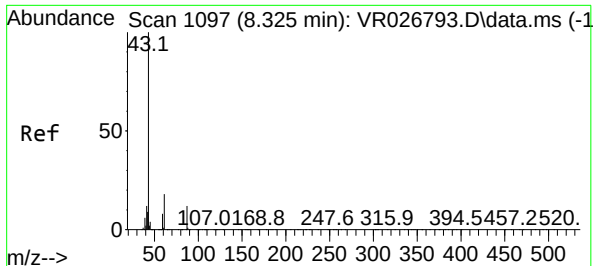


#42
1,2-Dichloroethane
Concen: 51.481 ug/l
RT: 8.278 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 62 Resp: 371136

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

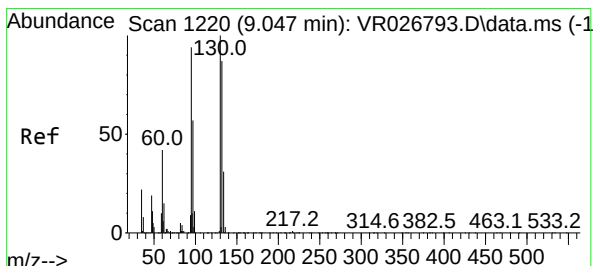
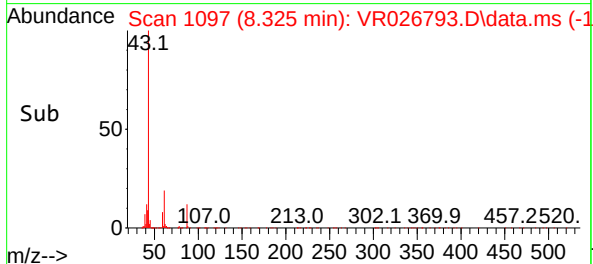
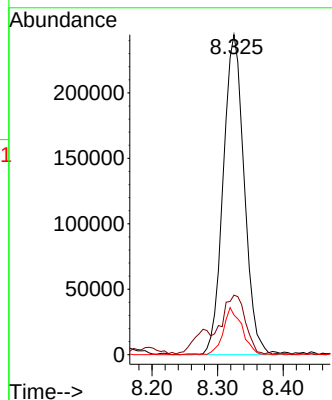
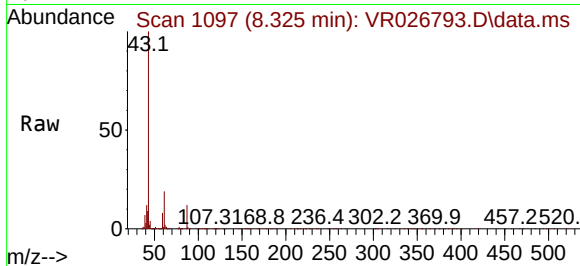




#43
Isopropyl Acetate
Concen: 54.339 ug/l
RT: 8.325 min Scan# 1097
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

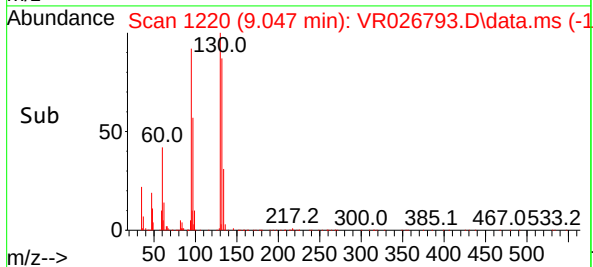
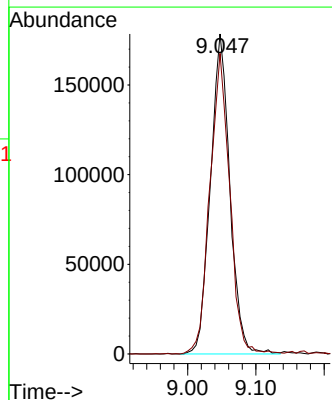
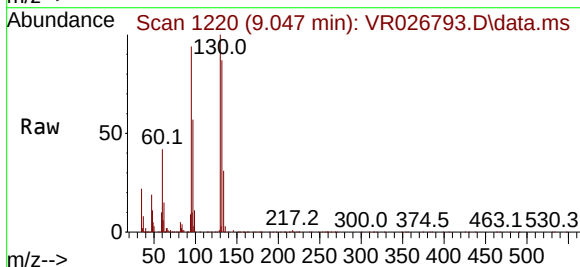
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

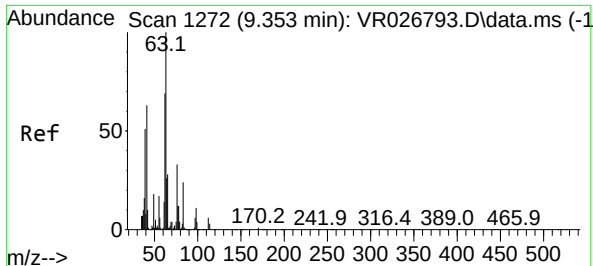
Tgt Ion: 43 Resp: 542872
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 51.069 ug/l
RT: 9.047 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 130 Resp: 353585
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0

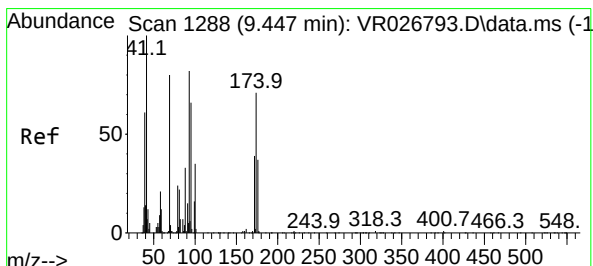
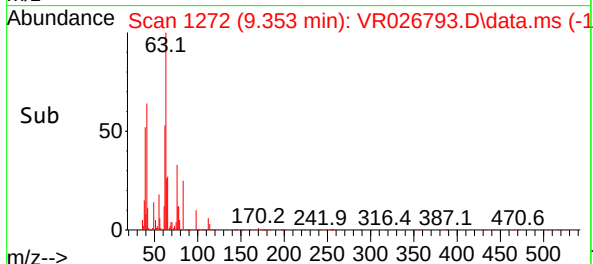
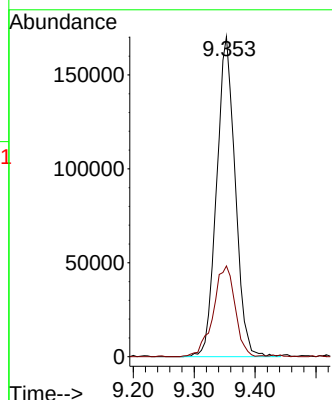
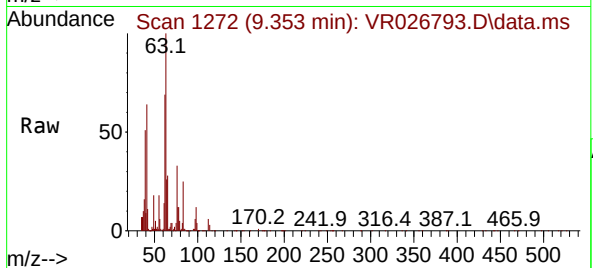




#45
1,2-Dichloropropane
Concen: 51.408 ug/l
RT: 9.353 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

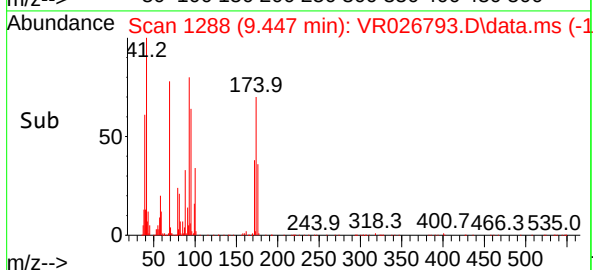
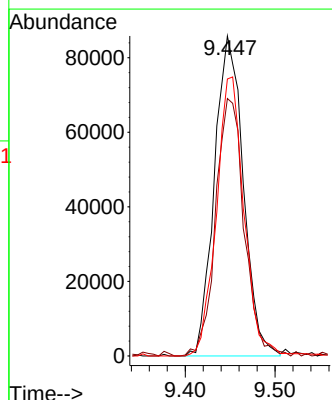
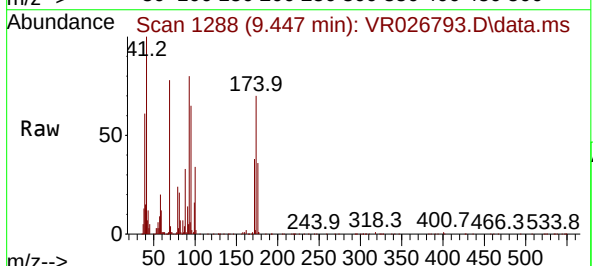
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

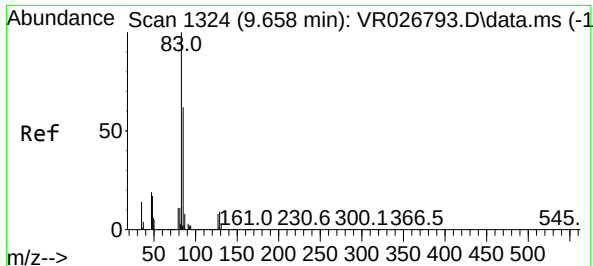
Tgt Ion: 63 Resp: 360196
Ion Ratio Lower Upper
63 100
65 28.4 22.7 34.1



#46
Dibromomethane
Concen: 53.402 ug/l
RT: 9.447 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 93 Resp: 191650
Ion Ratio Lower Upper
93 100
95 79.3 63.4 95.2
174 83.9 67.1 100.7

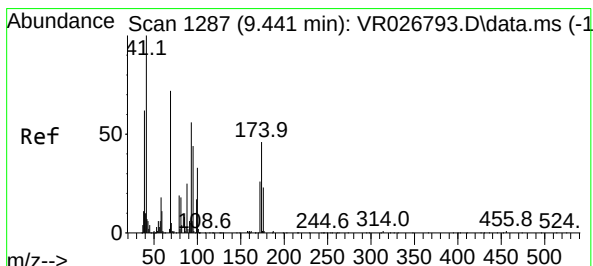
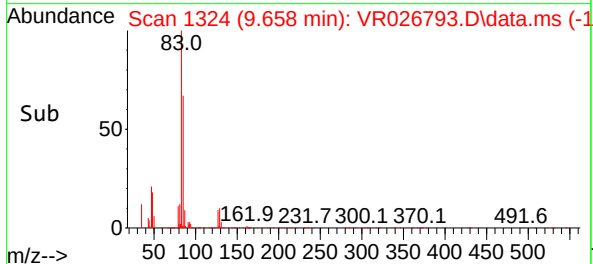
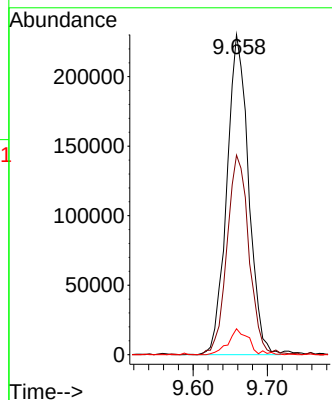
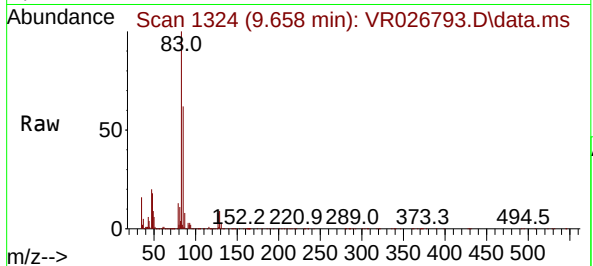




#47
Bromodichloromethane
Concen: 52.282 ug/l
RT: 9.658 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

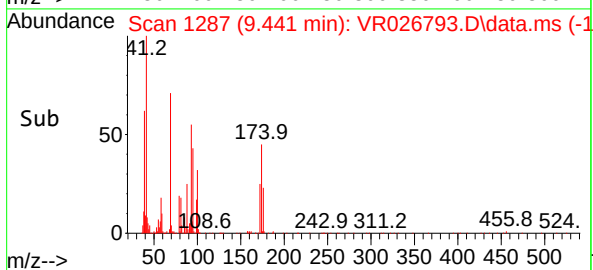
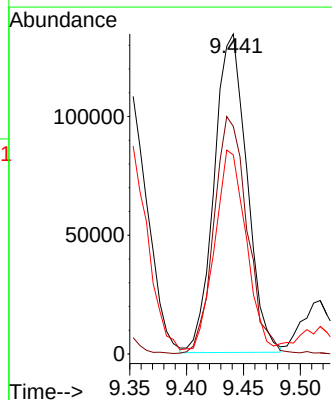
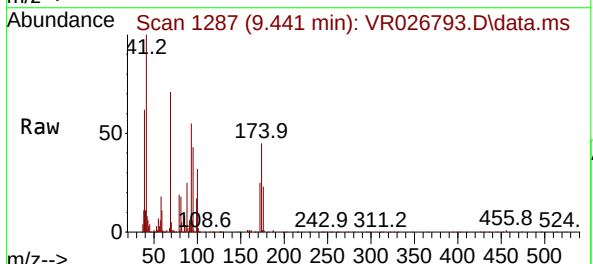
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

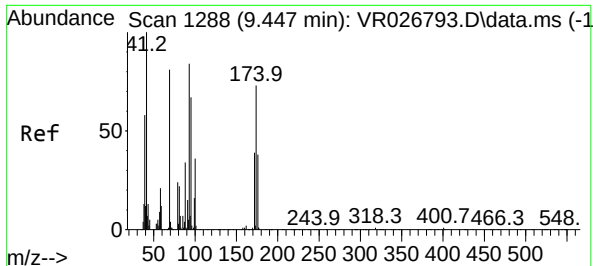
Tgt Ion: 83 Resp: 468018
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.8
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 54.560 ug/l
RT: 9.441 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 41 Resp: 268236
Ion Ratio Lower Upper
41 100
69 75.7 60.6 90.8
39 60.2 48.2 72.2





#49

1,4-Dioxane

Concen: 1041.874 ug/l

RT: 9.447 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

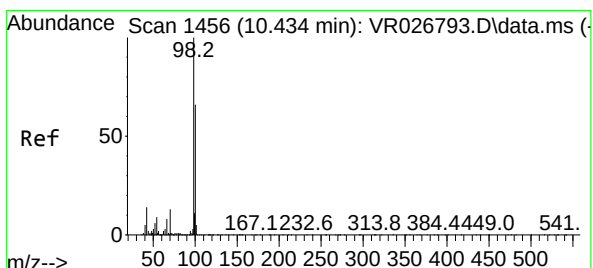
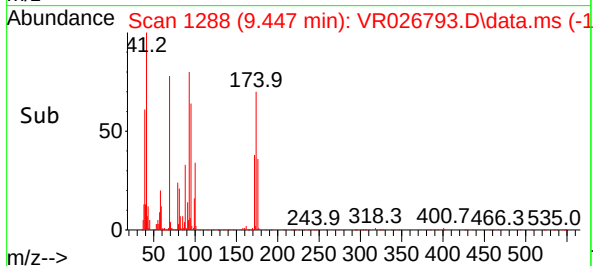
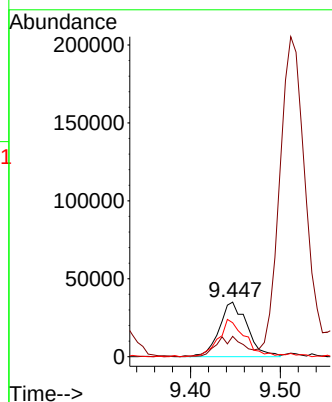
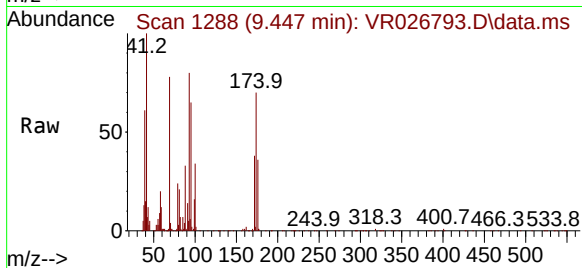
Tgt Ion: 88 Resp: 75382

Ion Ratio Lower Upper

88 100

43 17.6 14.1 21.1

58 65.7 52.6 78.8



#50

Toluene-d8

Concen: 53.394 ug/l

RT: 10.434 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VR026793.D

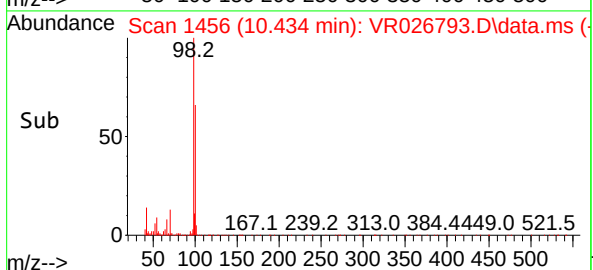
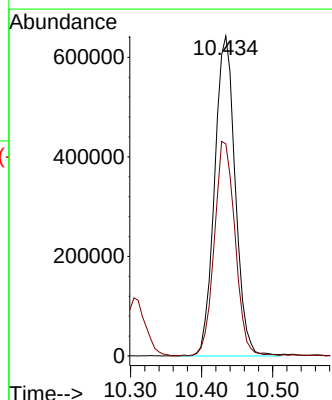
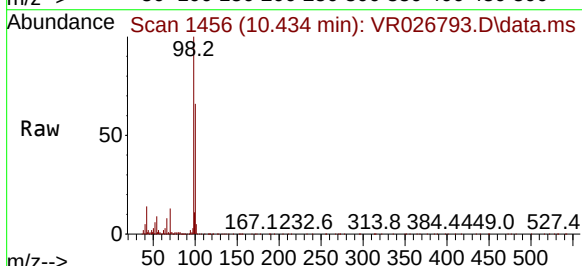
Acq: 4 Dec 2025 13:29

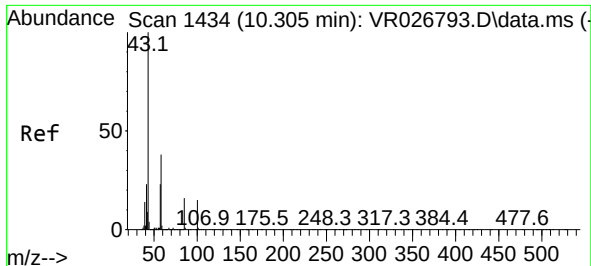
Tgt Ion: 98 Resp: 1294962

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6

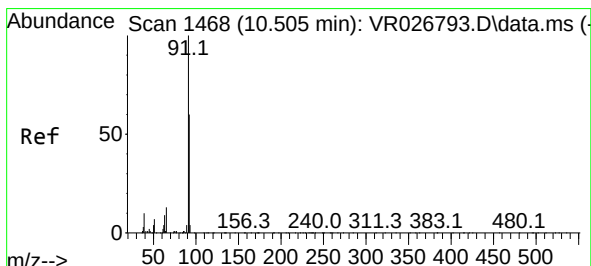
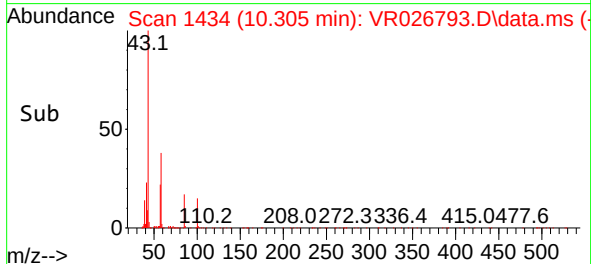
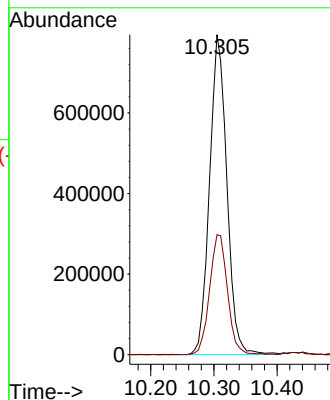
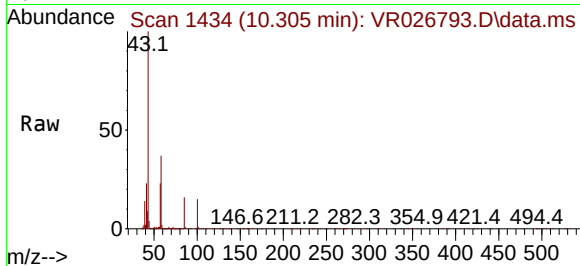




#51
4-Methyl-2-Pentanone
Concen: 284.202 ug/l
RT: 10.305 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

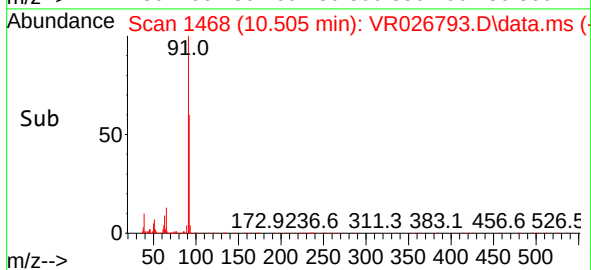
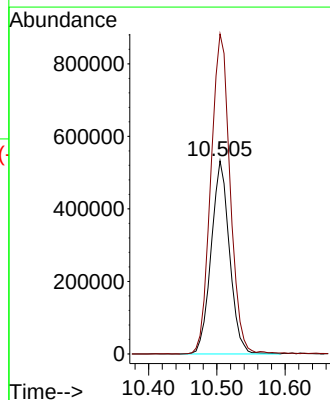
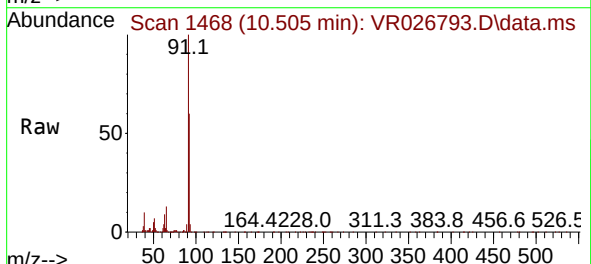
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

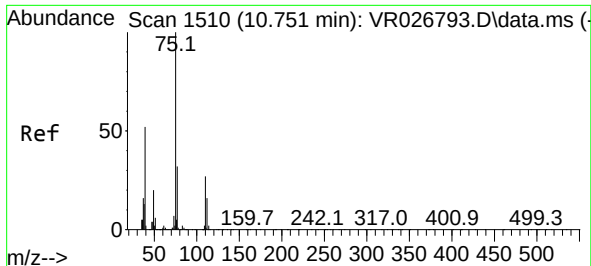
Tgt Ion: 43 Resp: 1508267
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7



#52
Toluene
Concen: 51.034 ug/l
RT: 10.505 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 92 Resp: 995765
Ion Ratio Lower Upper
92 100
91 174.6 139.7 209.5

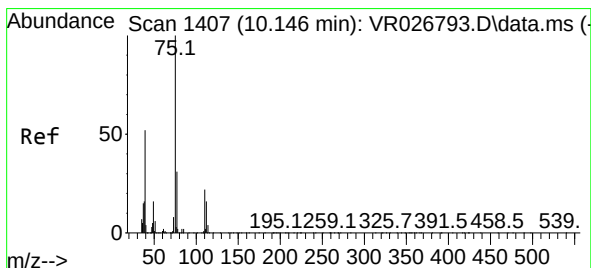
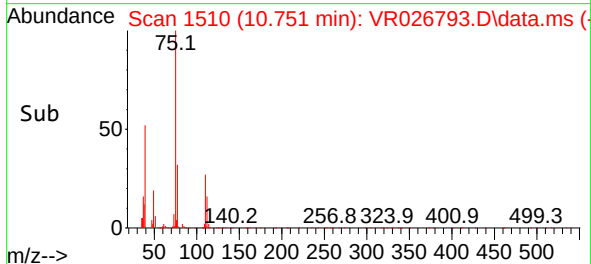
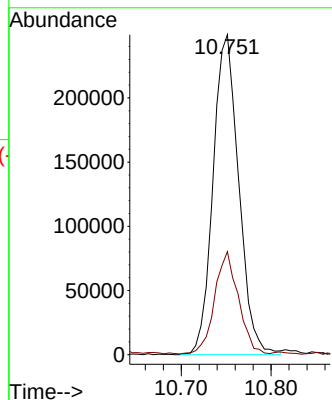
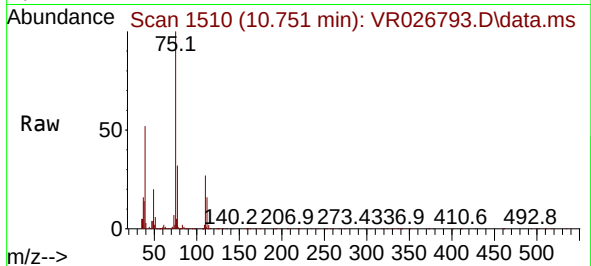




#53
t-1,3-Dichloropropene
Concen: 53.715 ug/l
RT: 10.751 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

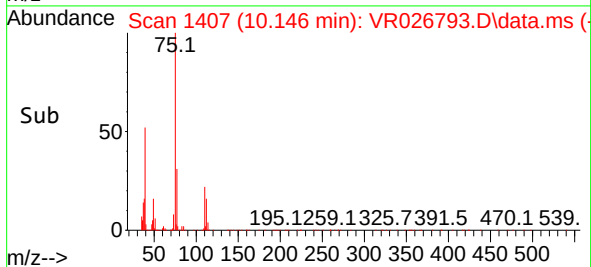
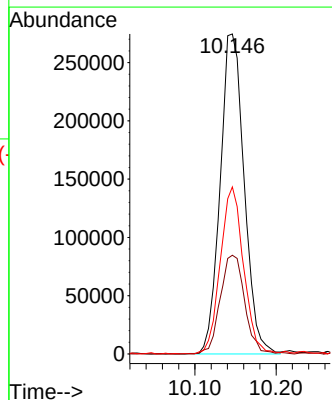
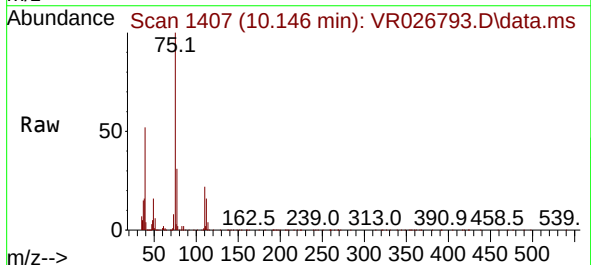
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

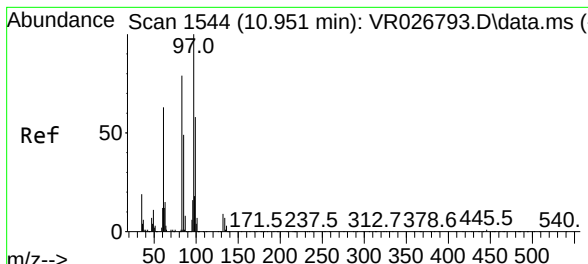
Tgt Ion: 75 Resp: 494436
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.229 ug/l
RT: 10.146 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 563785
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 52.2 41.8 62.6



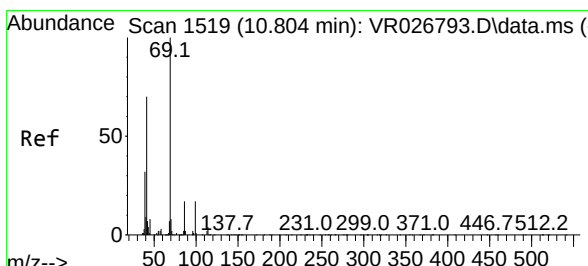
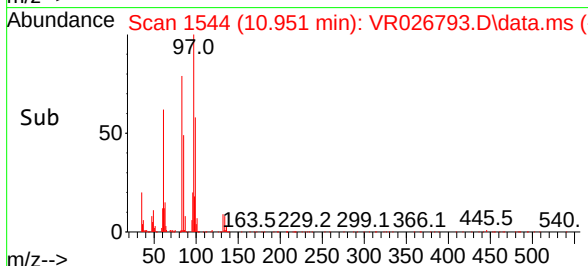
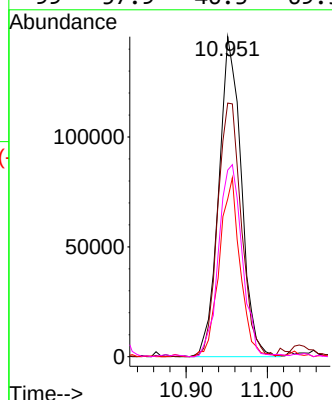
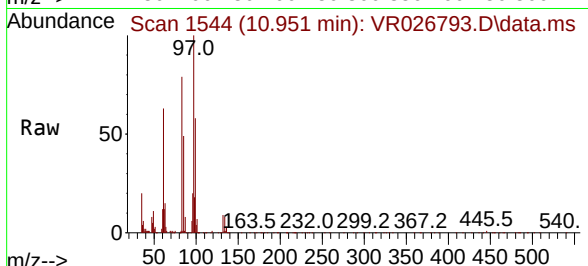


#55
 1,1,2-Trichloroethane
 Concen: 54.342 ug/l
 RT: 10.951 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 280521

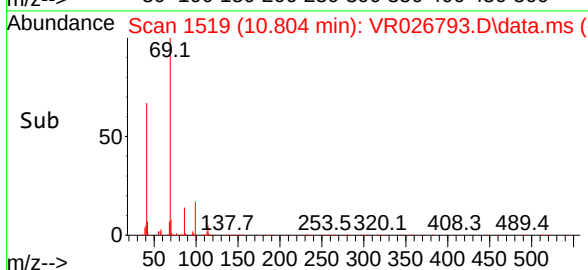
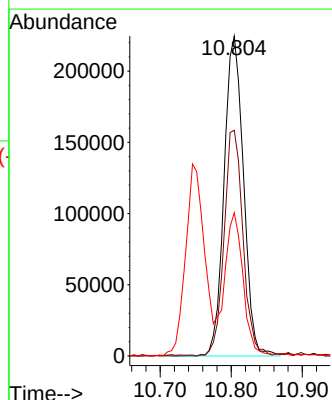
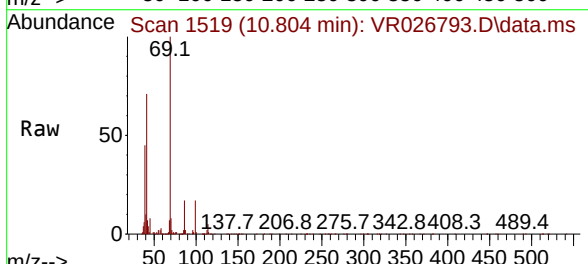
Ion	Ratio	Lower	Upper
97	100		
83	79.3	63.4	95.2
85	49.0	39.2	58.8
99	57.9	46.3	69.5

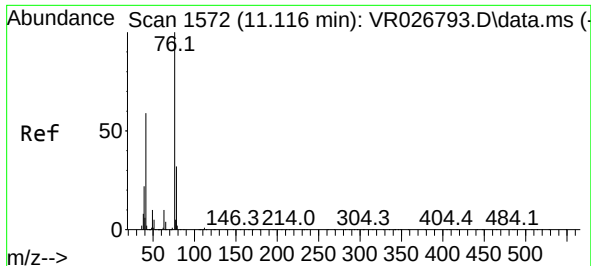


#56
 Ethyl methacrylate
 Concen: 55.475 ug/l
 RT: 10.804 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Tgt Ion: 69 Resp: 423748

Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	42.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 52.140 ug/l

RT: 11.116 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

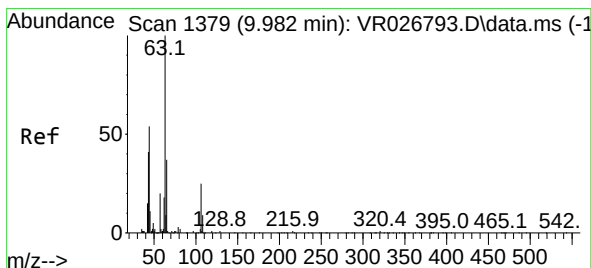
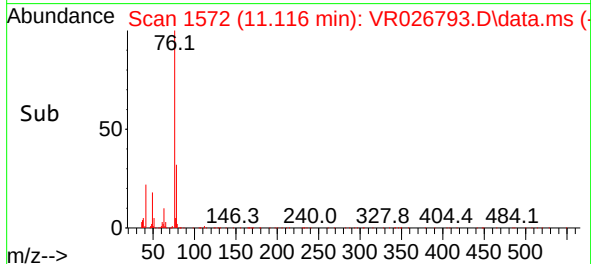
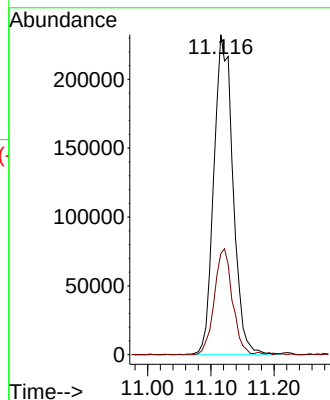
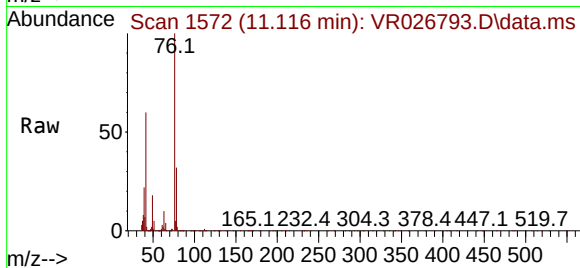
VSTDICCC050

Tgt Ion: 76 Resp: 488298

Ion Ratio Lower Upper

76 100

78 31.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 344.542 ug/l

RT: 9.982 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VR026793.D

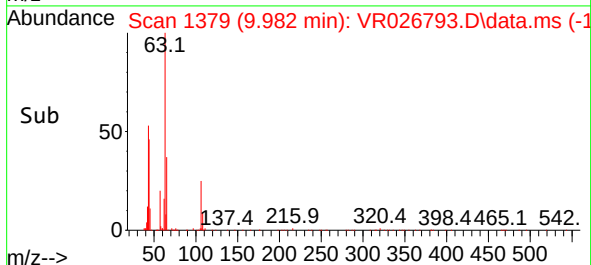
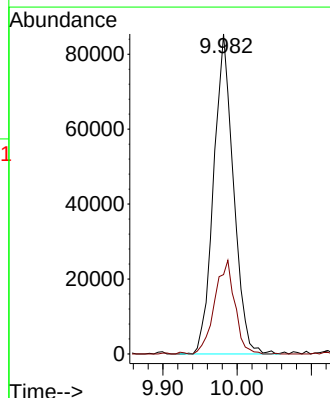
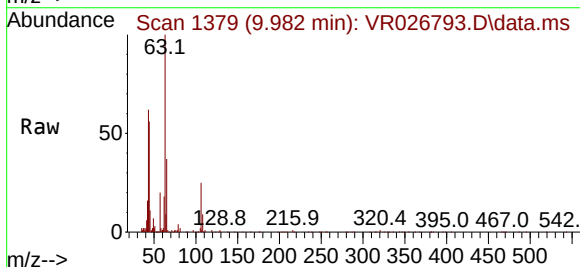
Acq: 4 Dec 2025 13:29

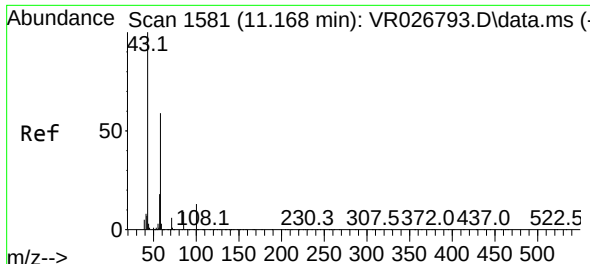
Tgt Ion: 63 Resp: 158544

Ion Ratio Lower Upper

63 100

106 29.6 23.7 35.5

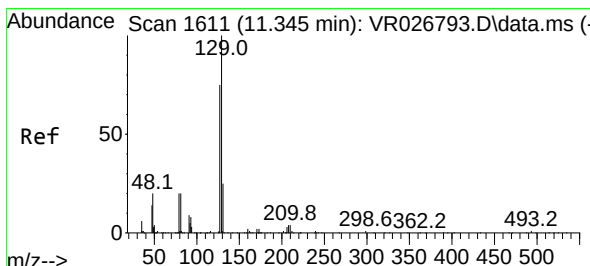
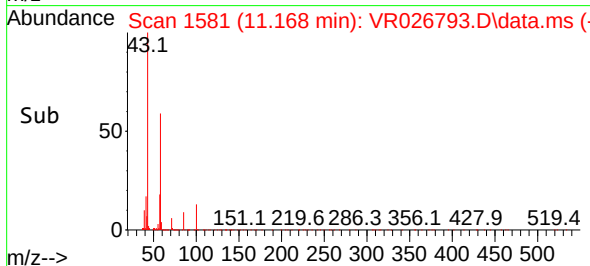
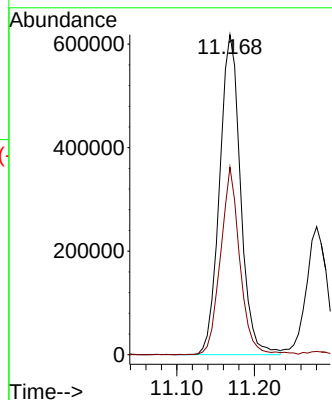
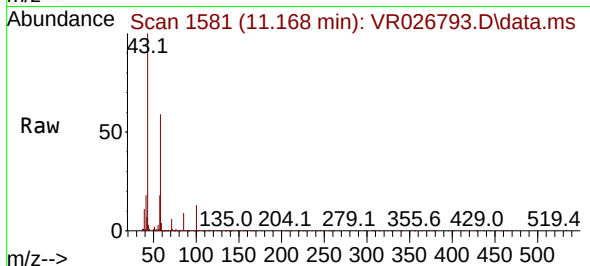




#59
2-Hexanone
Concen: 246.791 ug/l
RT: 11.168 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

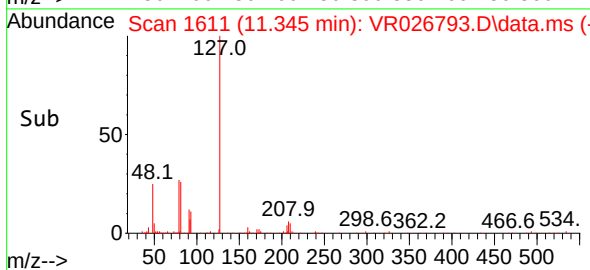
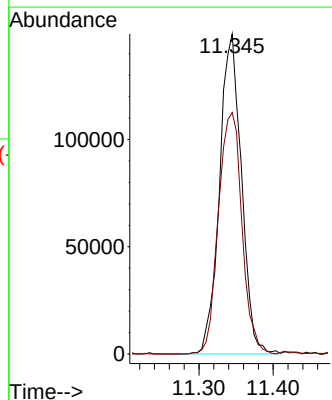
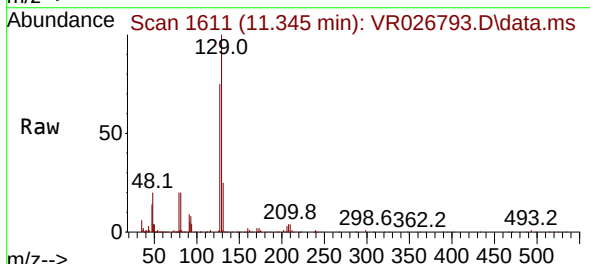
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

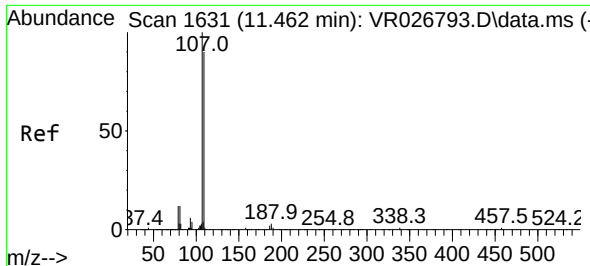
Tgt Ion: 43 Resp: 1161652
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 54.759 ug/l
RT: 11.345 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:129 Resp: 305600
Ion Ratio Lower Upper
129 100
127 81.2 40.6 121.8

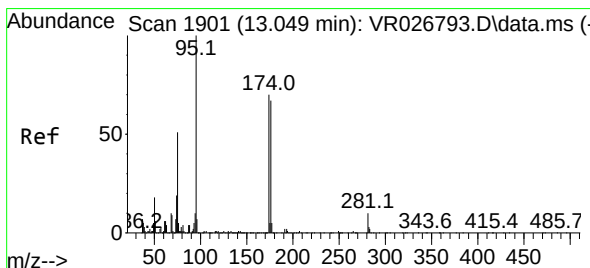
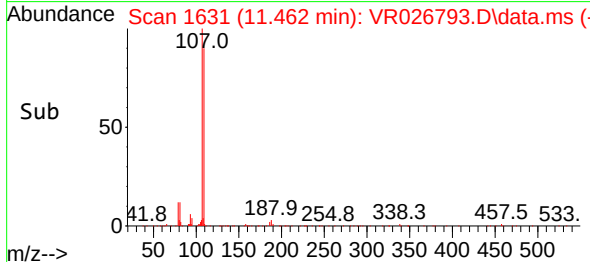
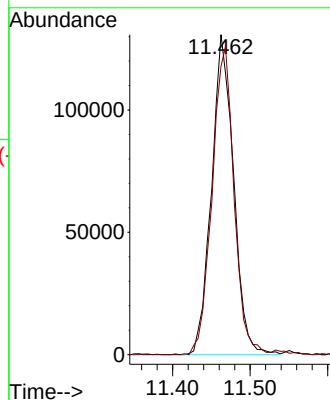
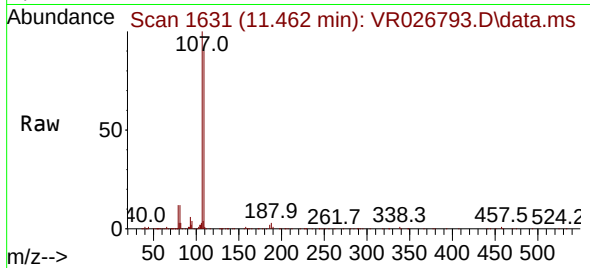




#61
1,2-Dibromoethane
Concen: 53.124 ug/l
RT: 11.462 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

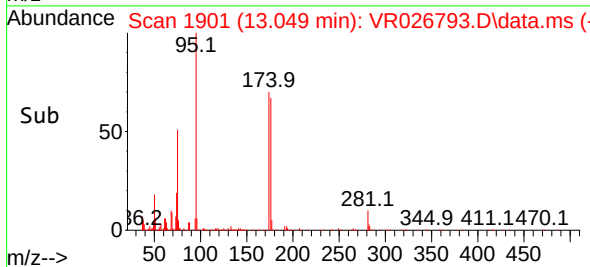
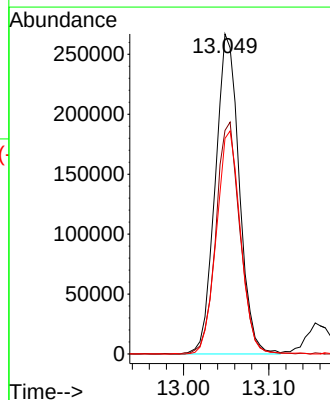
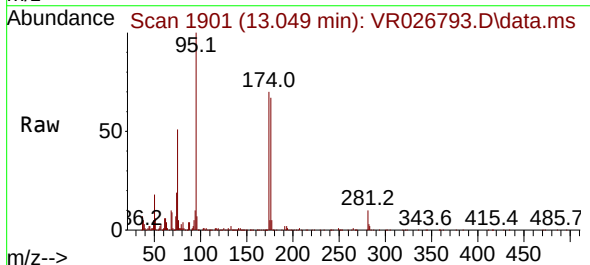
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

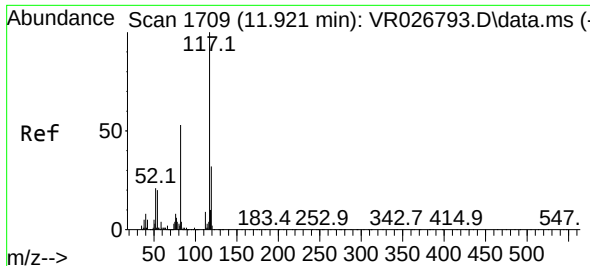
Tgt Ion:107 Resp: 258234
Ion Ratio Lower Upper
107 100
109 95.9 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 55.772 ug/l
RT: 13.049 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 95 Resp: 519863
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.6
176 70.3 0.0 140.6

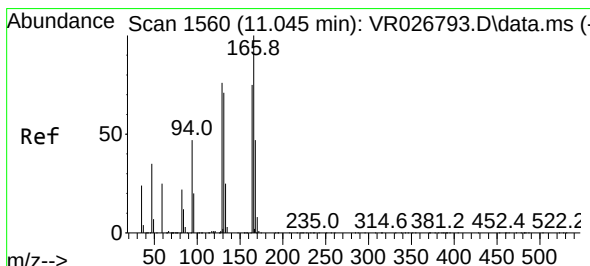
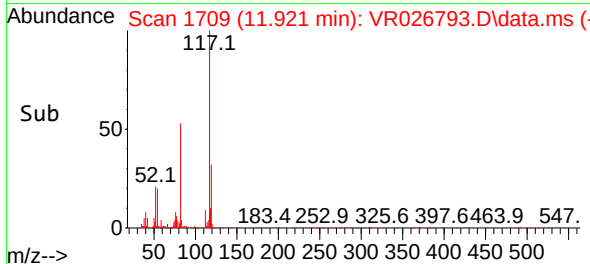
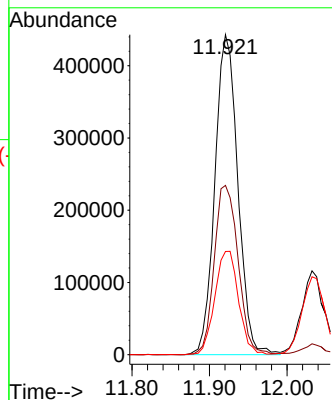
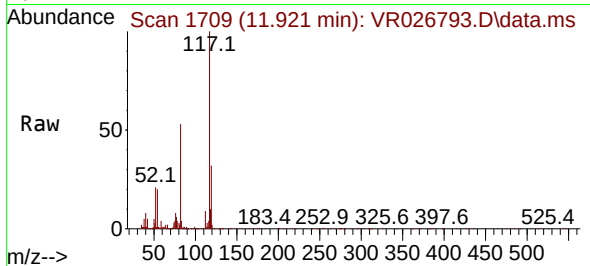




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.921 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

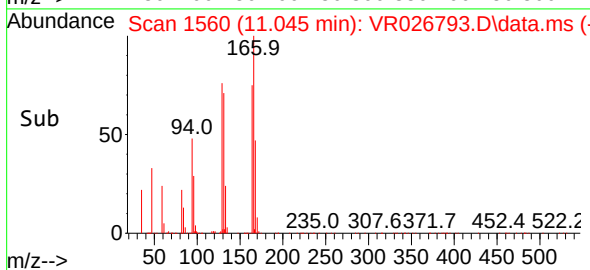
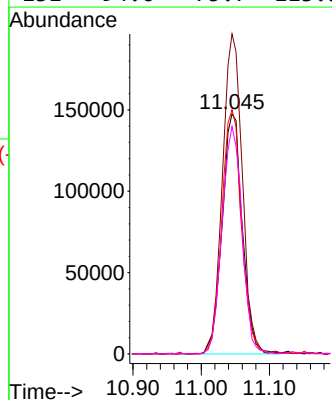
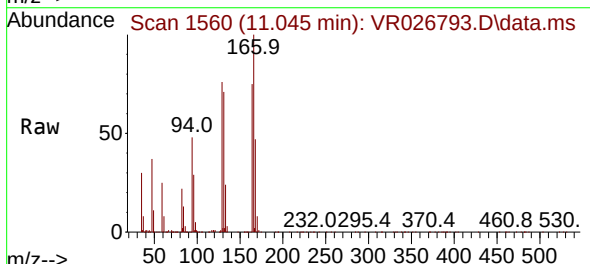
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

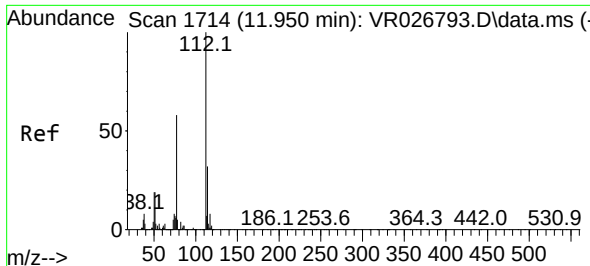
Tgt Ion:117 Resp: 910939
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 47.950 ug/l
RT: 11.045 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:164 Resp: 302438
Ion Ratio Lower Upper
164 100
166 133.1 106.5 159.7
129 101.4 81.1 121.7
131 94.6 75.7 113.5

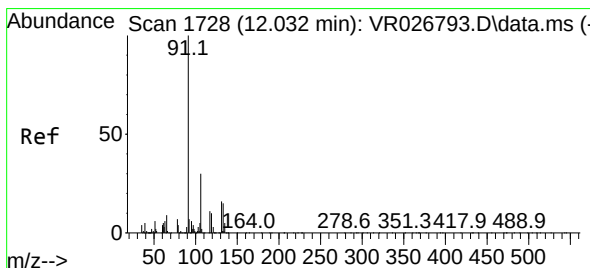
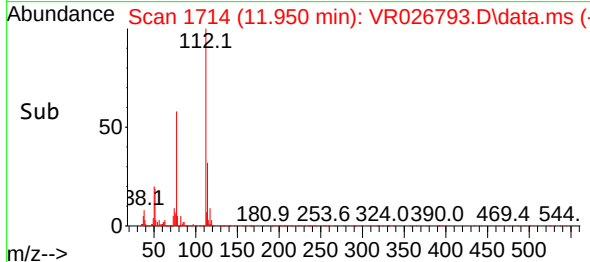
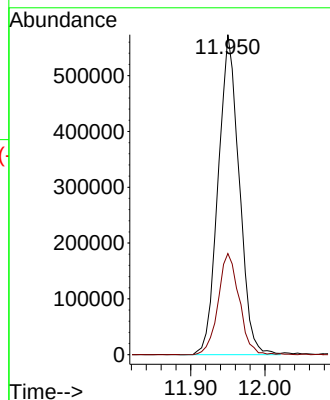
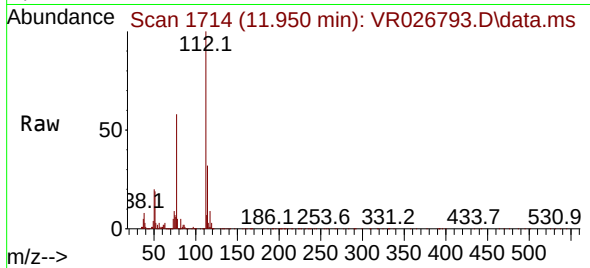




#65
Chlorobenzene
Concen: 50.594 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

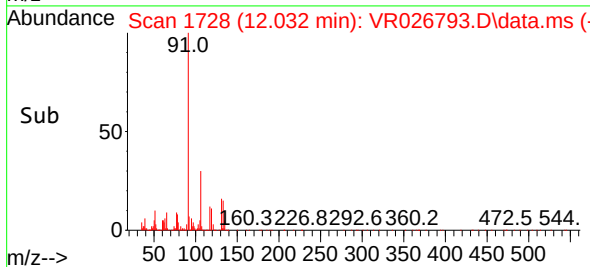
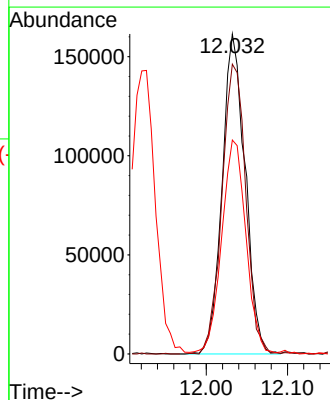
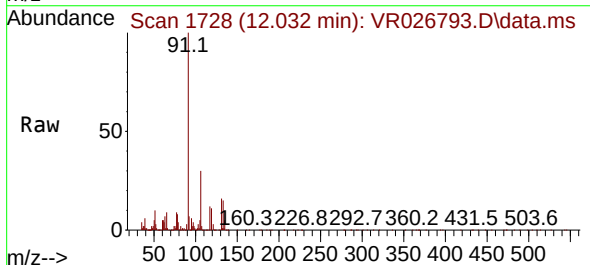
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

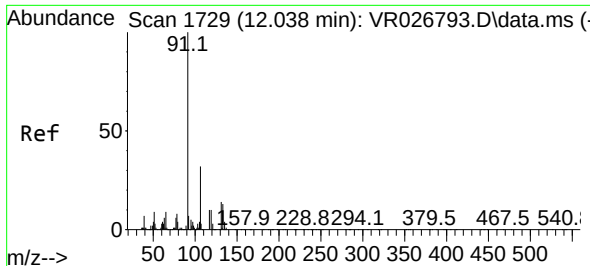
Tgt Ion:112 Resp: 1127724
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.106 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:131 Resp: 317150
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 69.8 34.9 104.7





#67

Ethyl Benzene

Concen: 51.415 ug/l

RT: 12.038 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

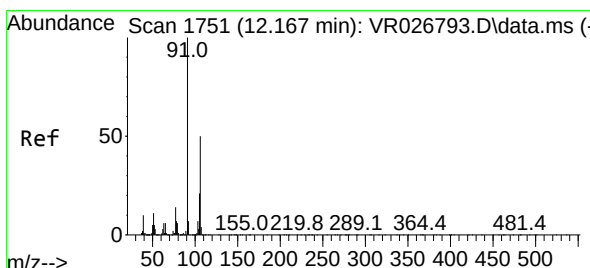
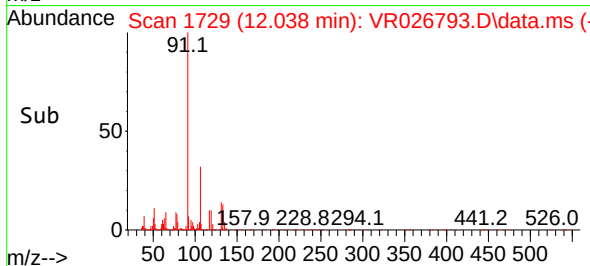
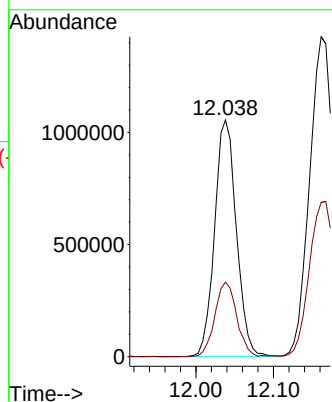
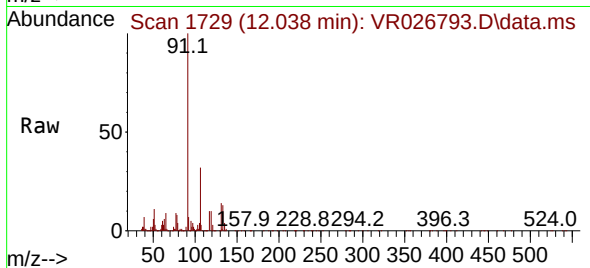
VSTDICCC050

Tgt Ion: 91 Resp: 2061258

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 101.049 ug/l

RT: 12.167 min Scan# 1751

Delta R.T. 0.000 min

Lab File: VR026793.D

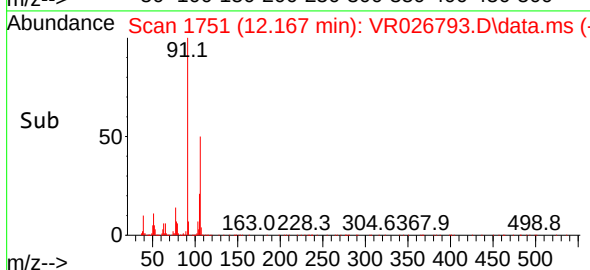
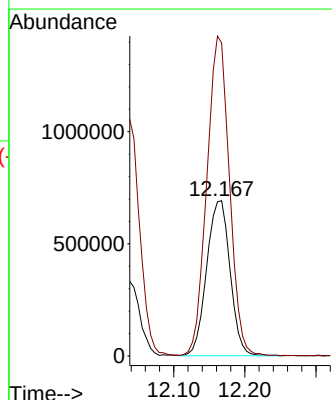
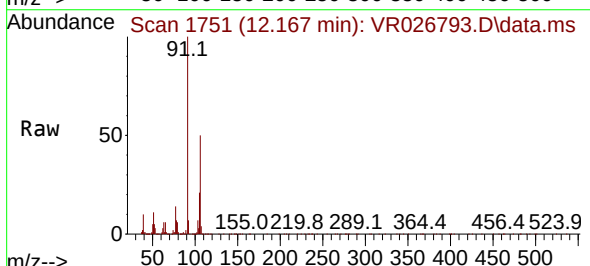
Acq: 4 Dec 2025 13:29

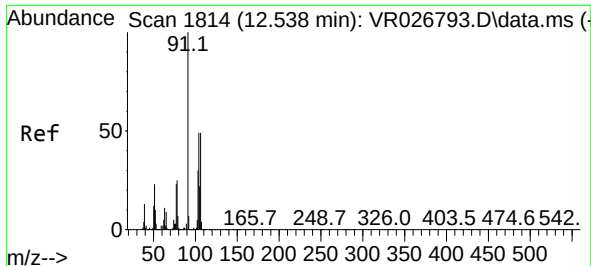
Tgt Ion:106 Resp: 1585075

Ion Ratio Lower Upper

106 100

91 199.0 159.2 238.8

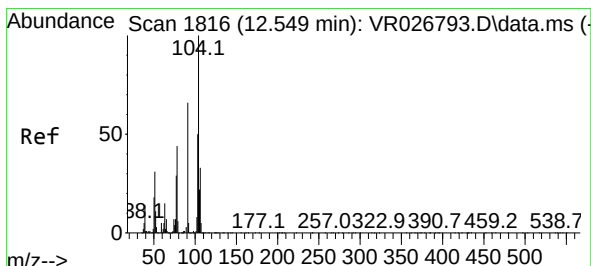
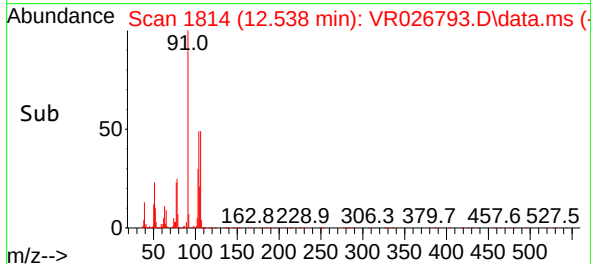
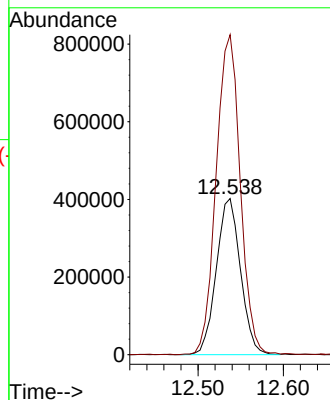
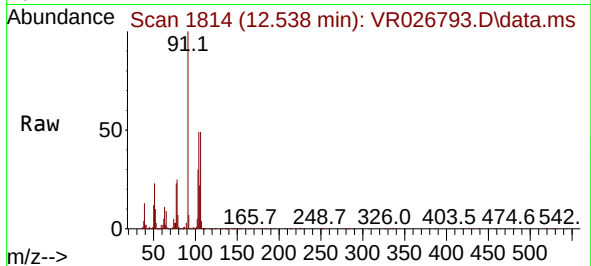




#69
o-Xylene
Concen: 52.426 ug/l
RT: 12.538 min Scan# 1814
Delta R.T. -0.001 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

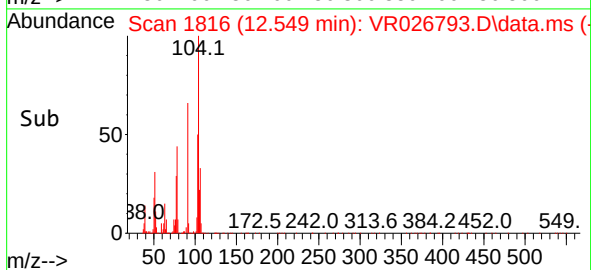
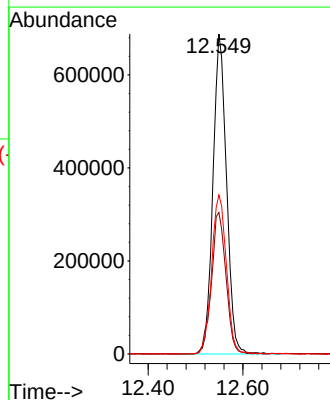
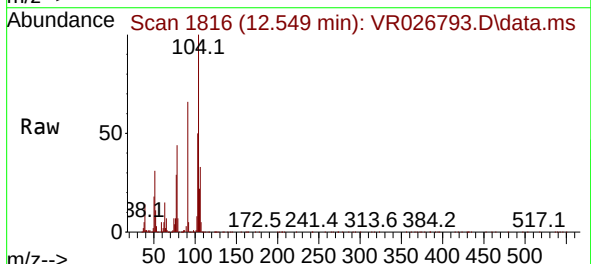
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

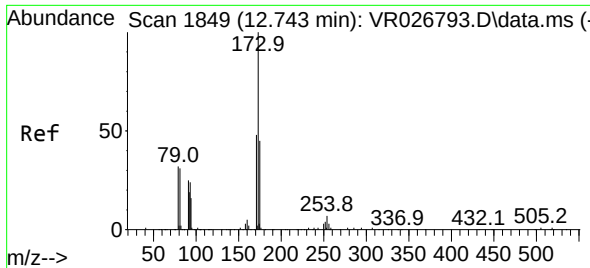
Tgt Ion:106 Resp: 790936
Ion Ratio Lower Upper
106 100
91 204.9 102.5 307.4



#70
Styrene
Concen: 52.805 ug/l
RT: 12.549 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:104 Resp: 1364752
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.8
103 54.1 43.3 64.9

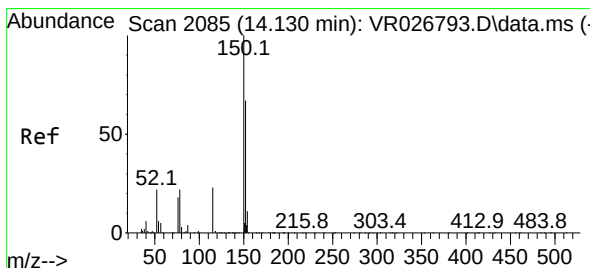
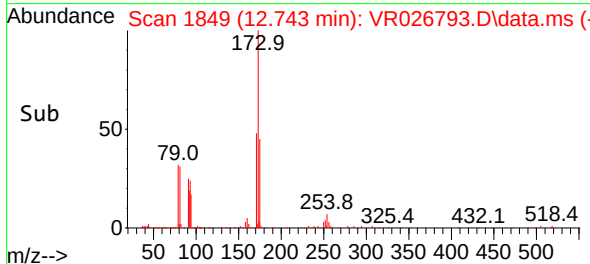
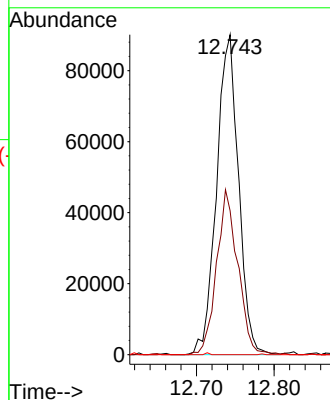
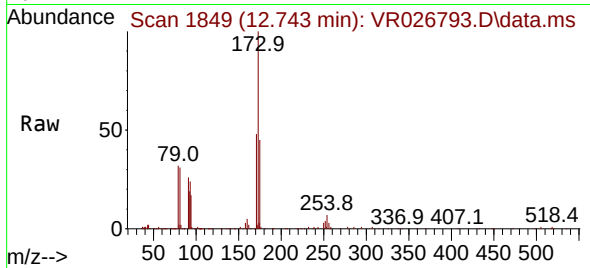




#71
Bromoform
Concen: 56.380 ug/l
RT: 12.743 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

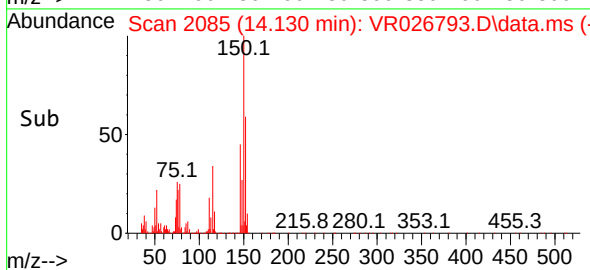
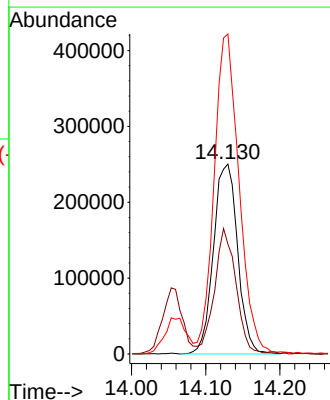
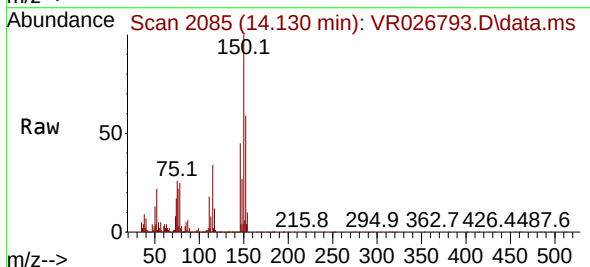
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

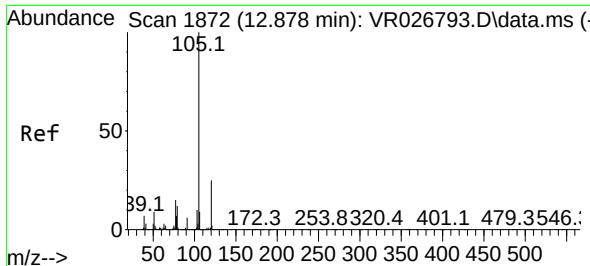
Tgt Ion:173 Resp: 177202
Ion Ratio Lower Upper
173 100
175 49.9 24.9 74.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.130 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:152 Resp: 567627
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.1
150 172.8 0.0 345.6

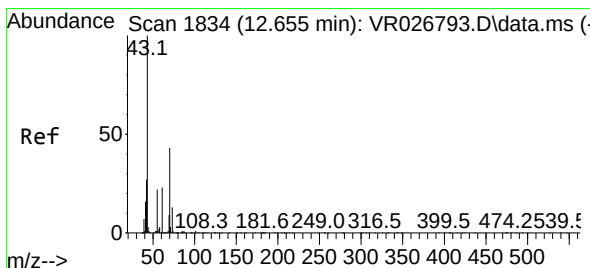
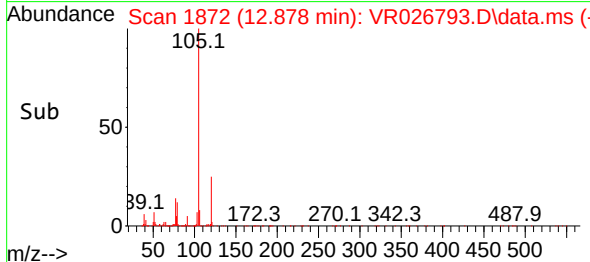
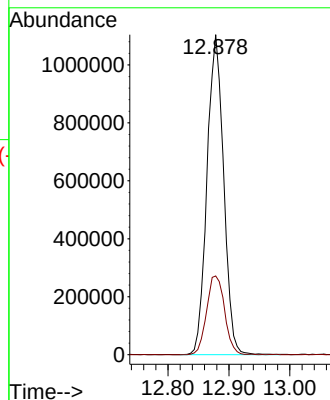
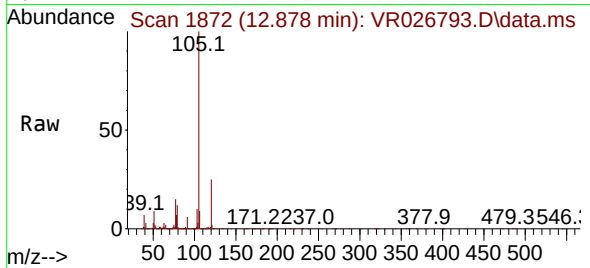




#73
Isopropylbenzene
Concen: 53.303 ug/l
RT: 12.878 min Scan# 1872
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

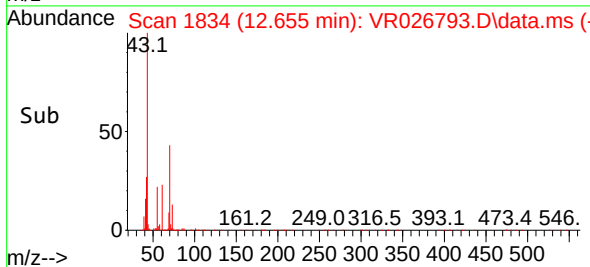
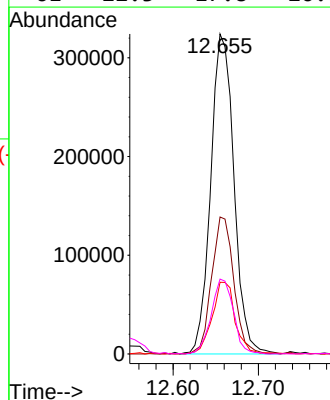
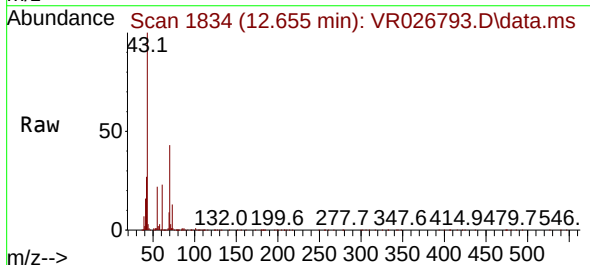
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

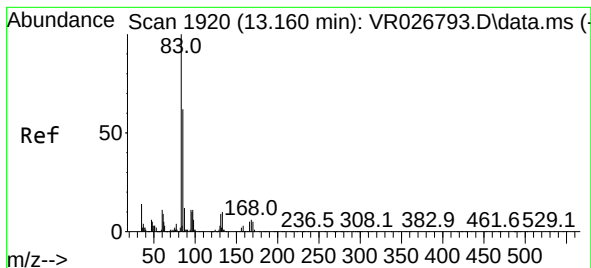
Tgt Ion:105 Resp: 2091200
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 57.228 ug/l
RT: 12.655 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 43 Resp: 614559
Ion Ratio Lower Upper
43 100
70 40.8 32.6 49.0
55 22.3 17.8 26.8
61 22.3 17.8 26.8

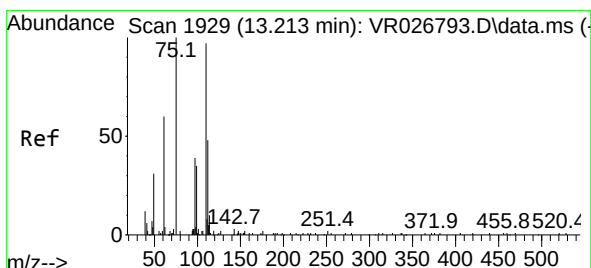
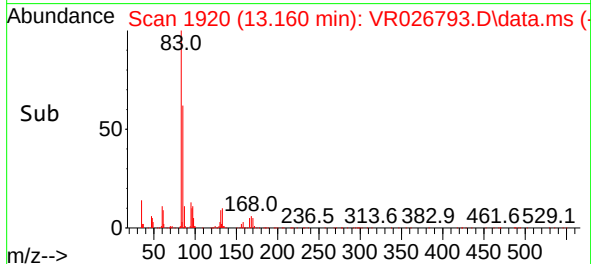
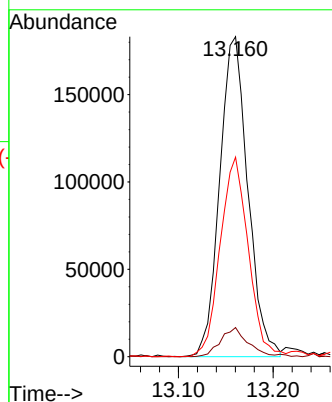
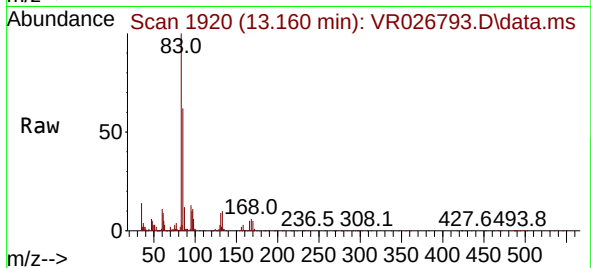




#75
1,1,2,2-Tetrachloroethane
Concen: 57.086 ug/l
RT: 13.160 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

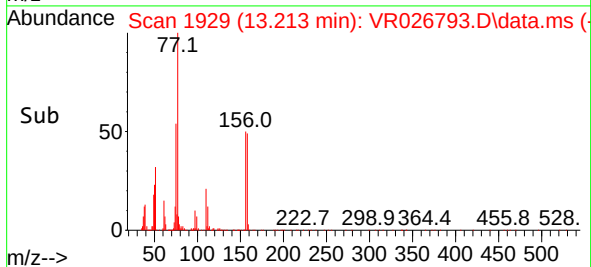
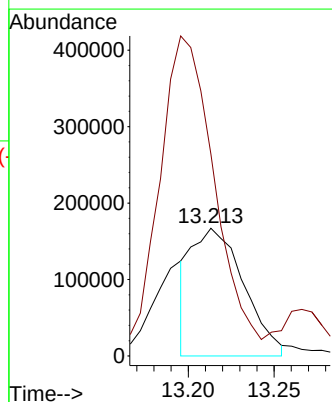
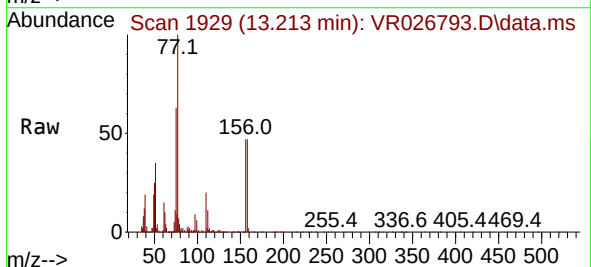
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

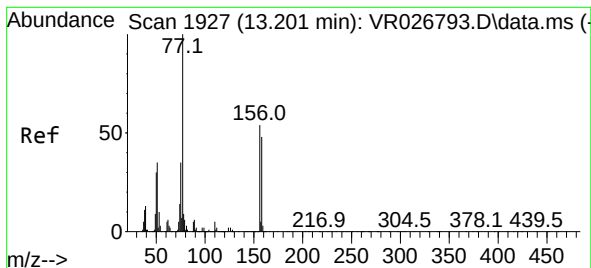
Tgt Ion: 83 Resp: 378330
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 62.1 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 61.057 ug/l m
RT: 13.213 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 356225
Ion Ratio Lower Upper
75 100
77 264.7 132.3 397.0





#77

Bromobenzene

Concen: 54.635 ug/l

RT: 13.201 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

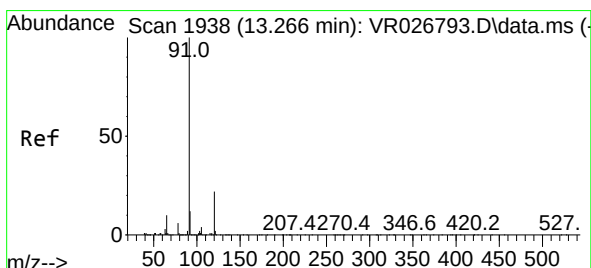
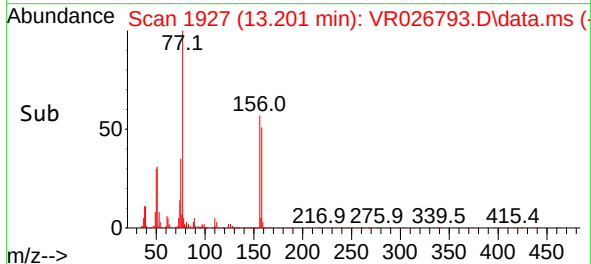
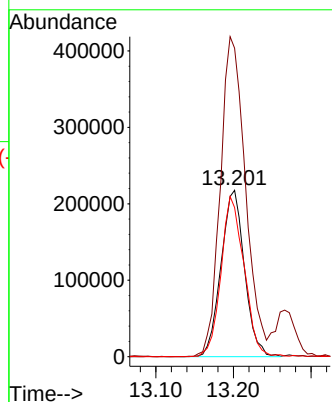
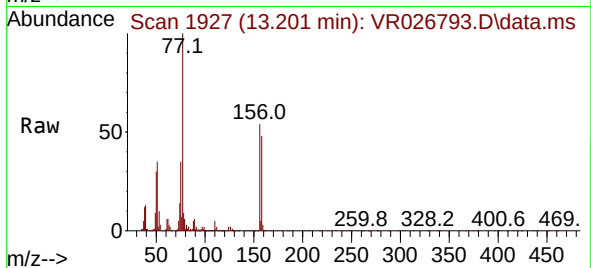
Tgt Ion:156 Resp: 458418

Ion Ratio Lower Upper

156 100

77 205.7 102.8 308.5

158 94.8 47.4 142.2



#78

n-propylbenzene

Concen: 52.988 ug/l

RT: 13.266 min Scan# 1938

Delta R.T. 0.000 min

Lab File: VR026793.D

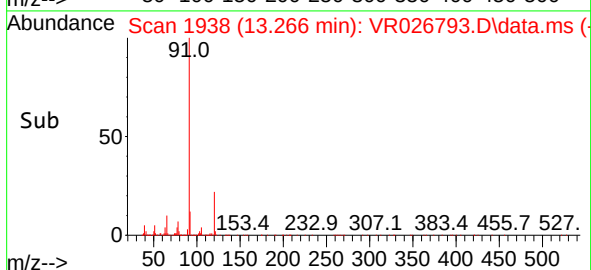
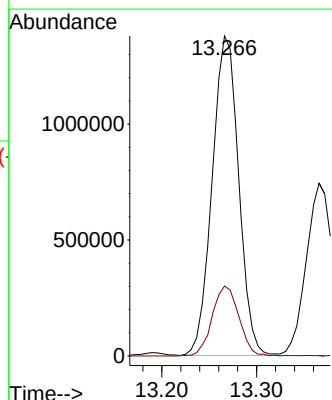
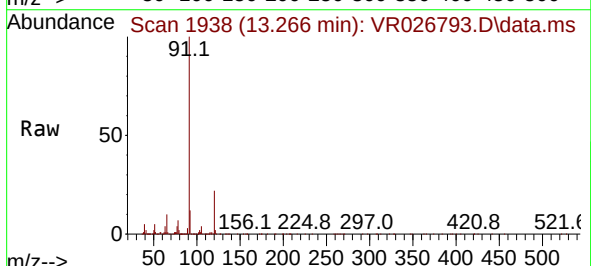
Acq: 4 Dec 2025 13:29

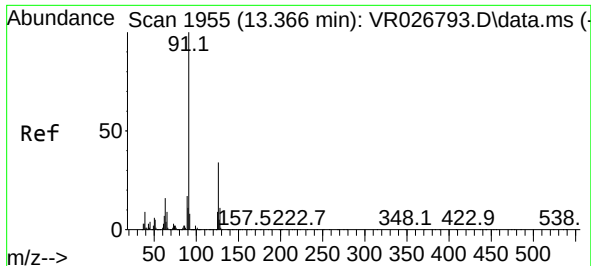
Tgt Ion: 91 Resp: 2677121

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

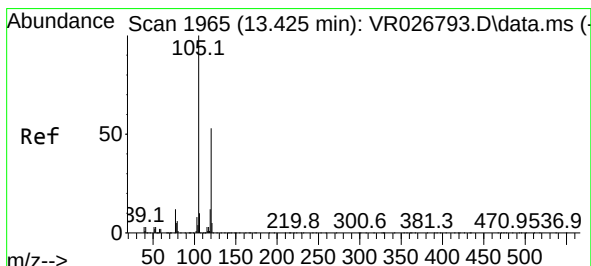
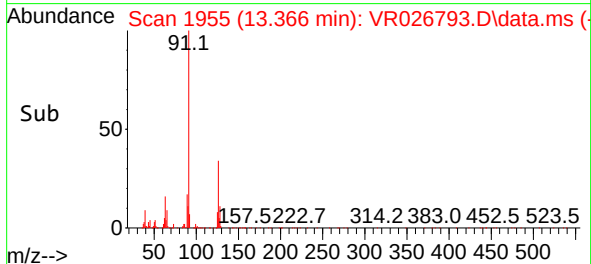
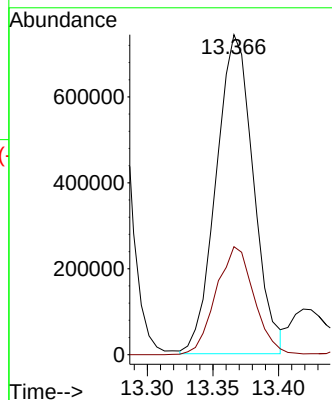
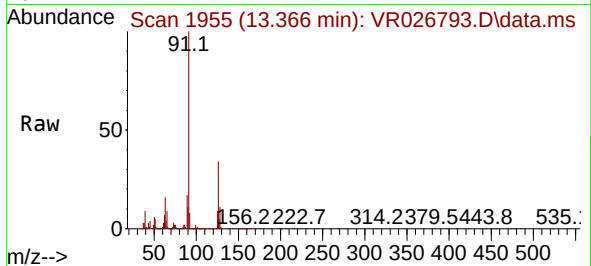




#79
2-Chlorotoluene
Concen: 53.706 ug/l
RT: 13.366 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

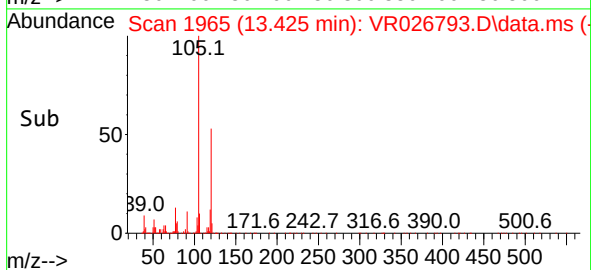
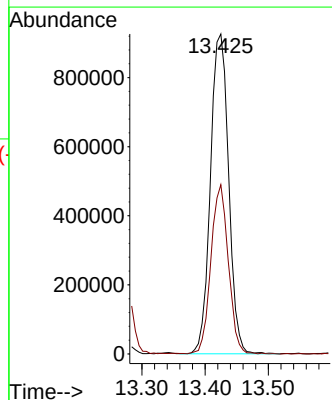
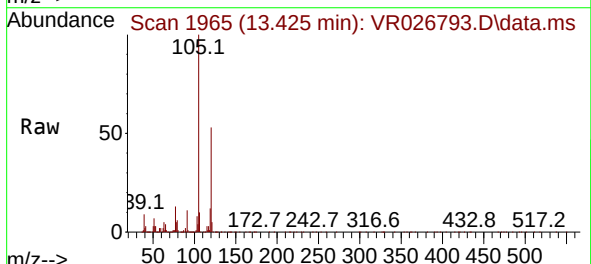
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

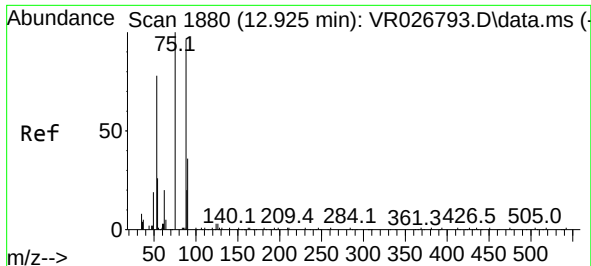
Tgt Ion: 91 Resp: 1467979
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 53.946 ug/l
RT: 13.425 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 105 Resp: 1848630
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6

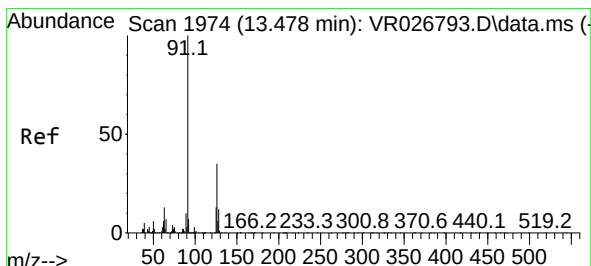
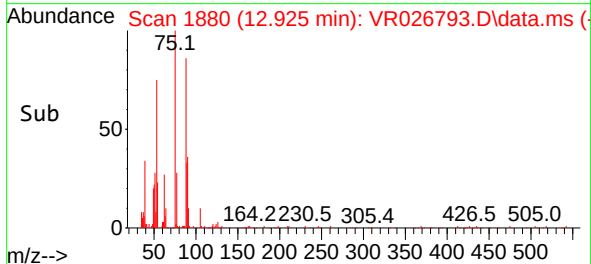
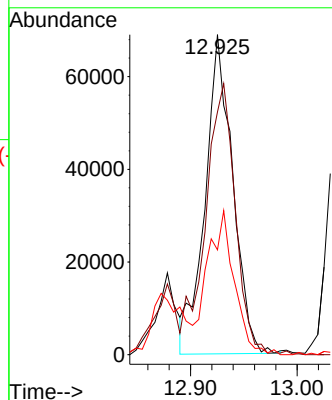
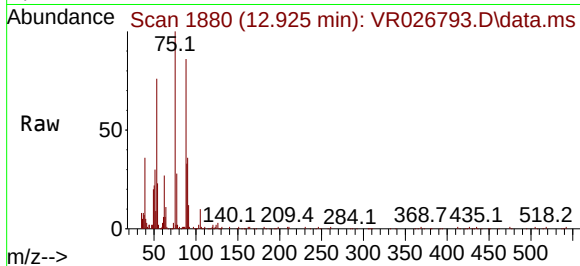




#81
trans-1,4-Dichloro-2-butene
Concen: 54.309 ug/l
RT: 12.925 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

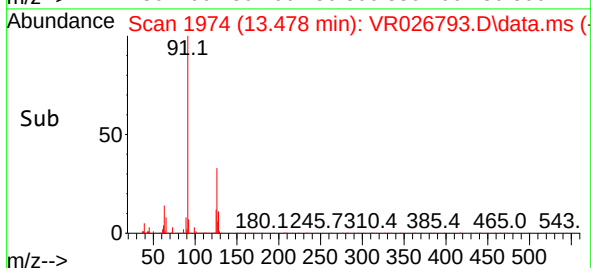
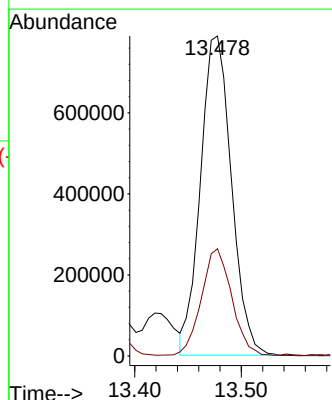
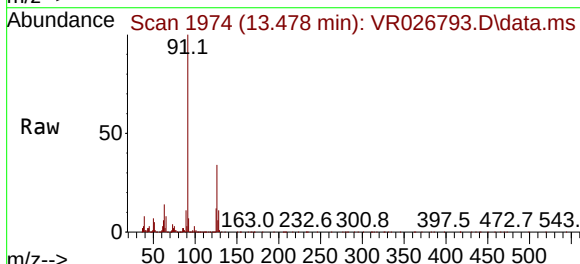
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

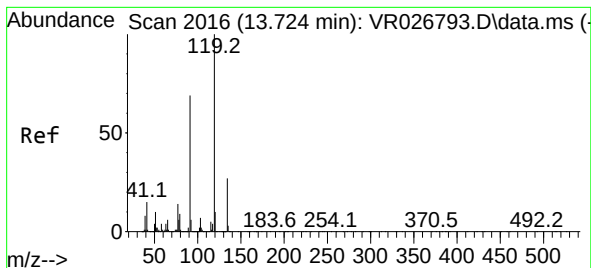
Tgt Ion: 75 Resp: 124143
Ion Ratio Lower Upper
75 100
53 90.2 74.3 111.5
89 43.6 35.9 53.9



#82
4-Chlorotoluene
Concen: 53.537 ug/l
RT: 13.478 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 91 Resp: 1589925
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

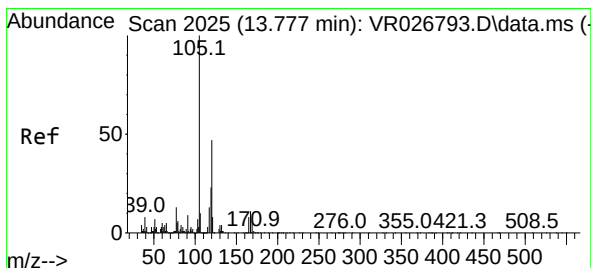
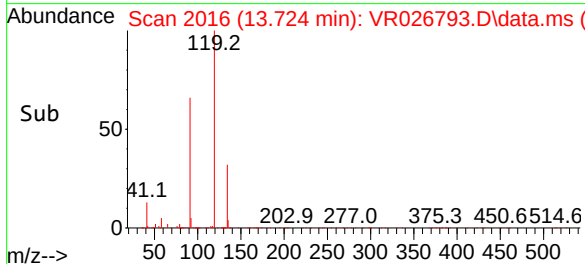
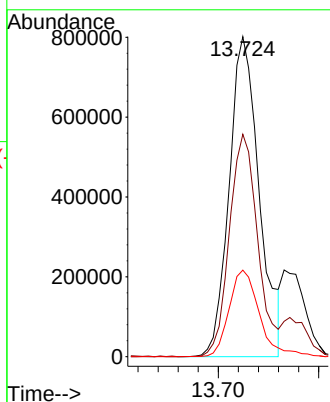
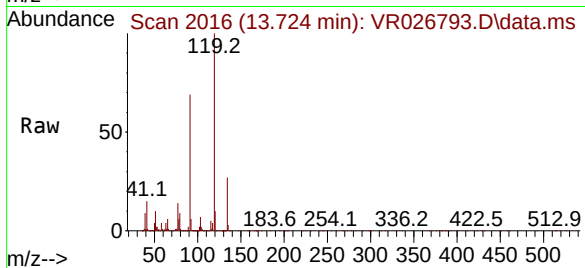




#83
 tert-Butylbenzene
 Concen: 54.107 ug/l
 RT: 13.724 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

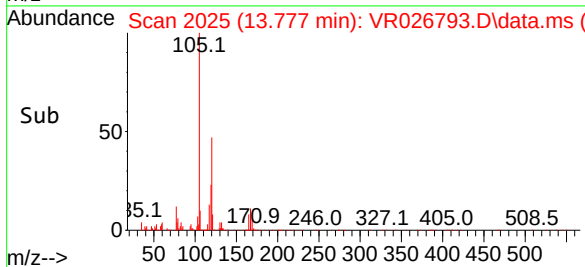
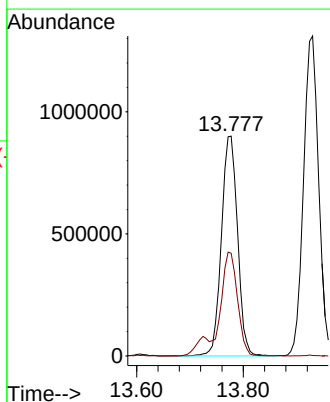
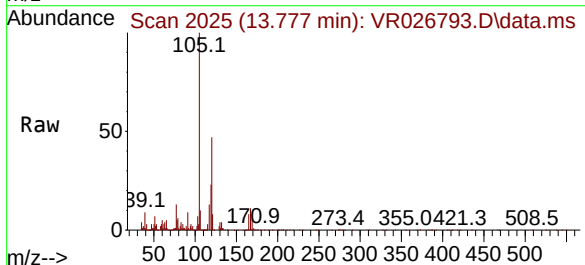
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

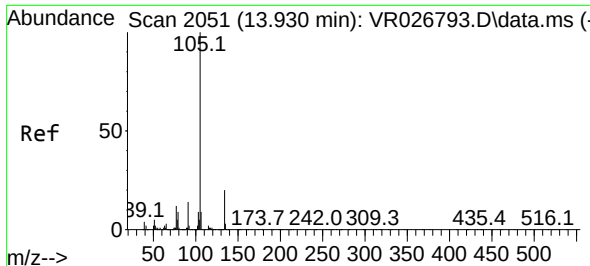
Tgt Ion:119 Resp: 1671032
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.3
 134 27.3 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.308 ug/l
 RT: 13.777 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Tgt Ion:105 Resp: 1887258
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1

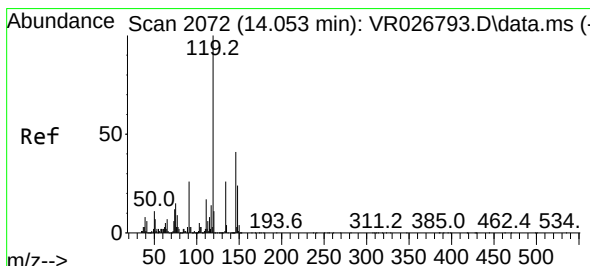
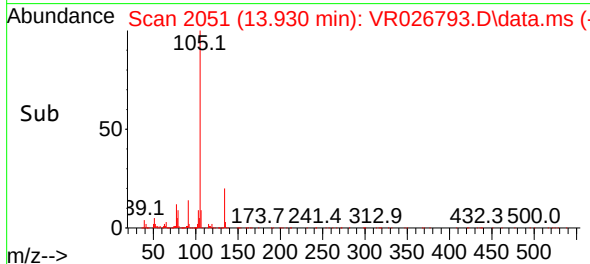
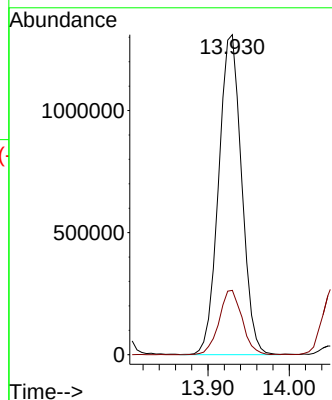
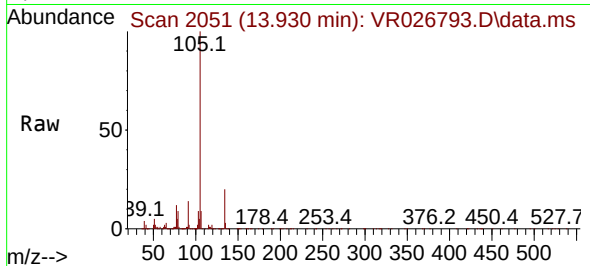




#85
 sec-Butylbenzene
 Concen: 52.899 ug/l
 RT: 13.930 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

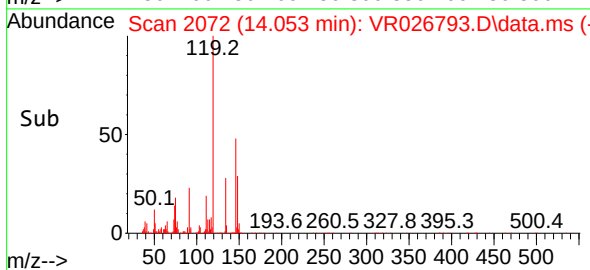
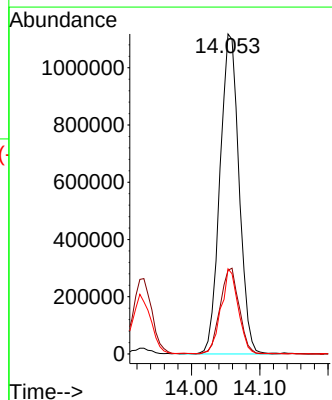
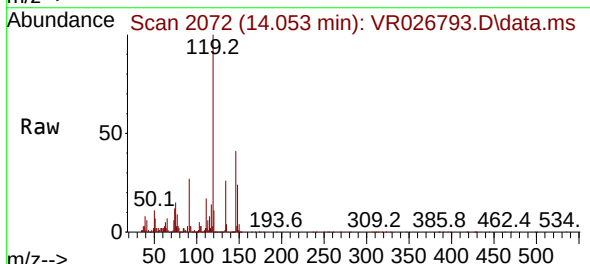
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

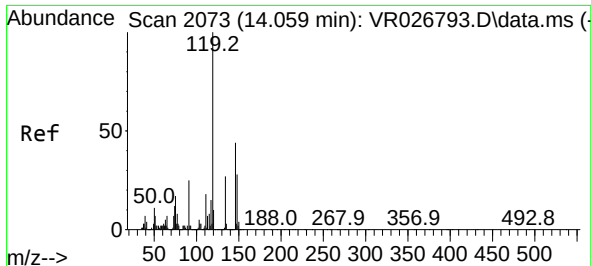
Tgt Ion:105 Resp: 2575377
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.741 ug/l
 RT: 14.053 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VR026793.D
 Acq: 4 Dec 2025 13:29

Tgt Ion:119 Resp: 2175744
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.9 11.9 35.9

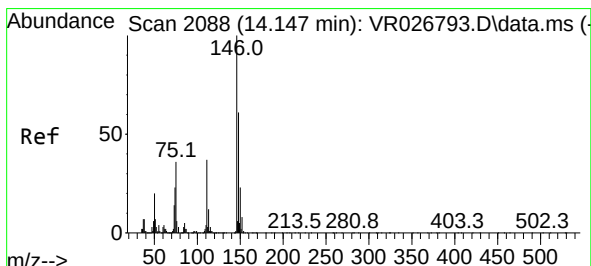
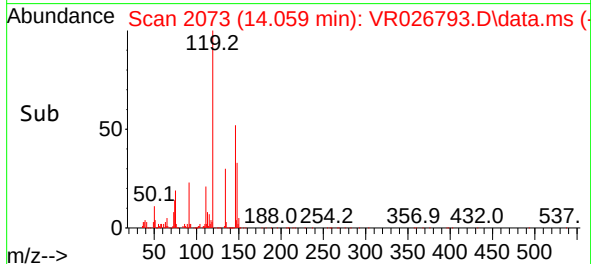
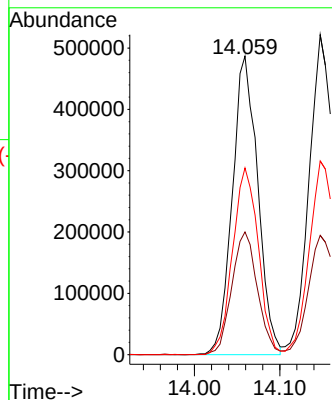
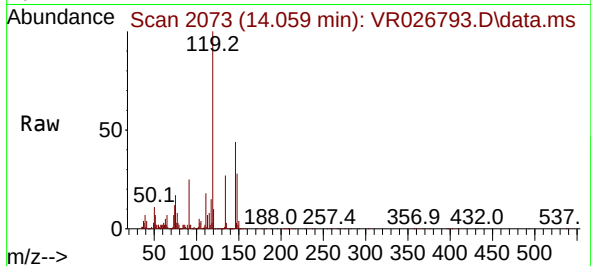




#87
1,3-Dichlorobenzene
Concen: 49.756 ug/l
RT: 14.059 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

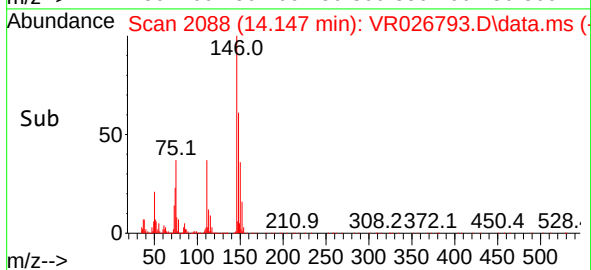
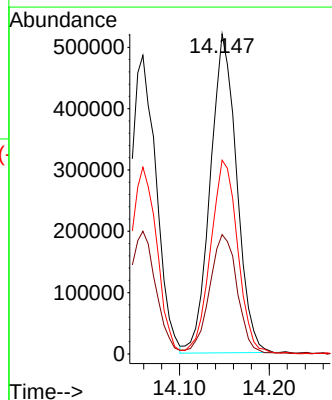
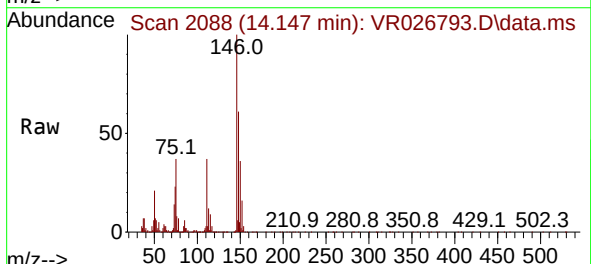
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

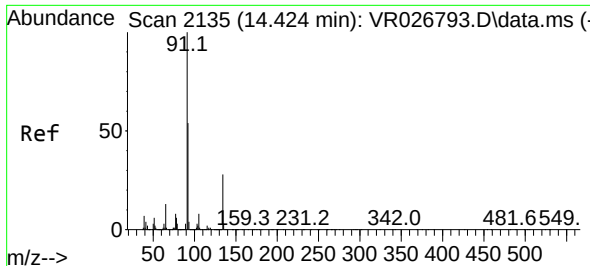
Tgt Ion:146 Resp: 1010177
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.465 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:146 Resp: 1060119
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.8
148 62.6 31.3 93.9

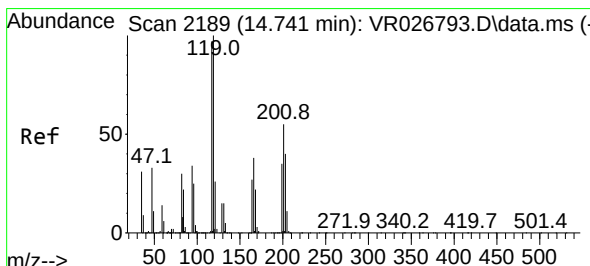
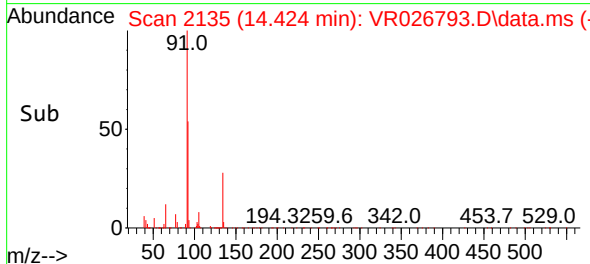
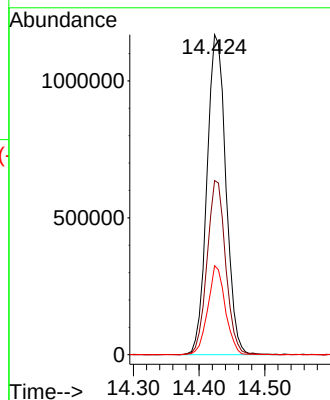
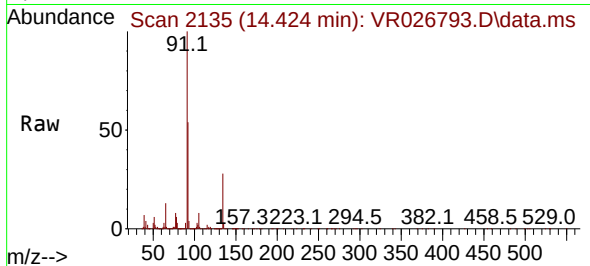




#89
n-Butylbenzene
Concen: 53.032 ug/l
RT: 14.424 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

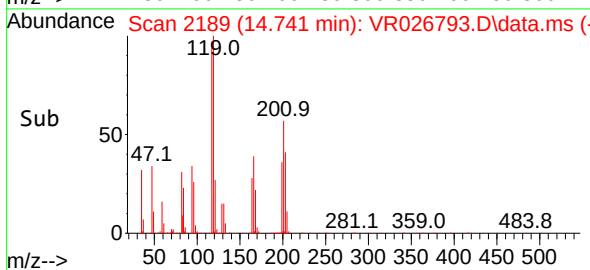
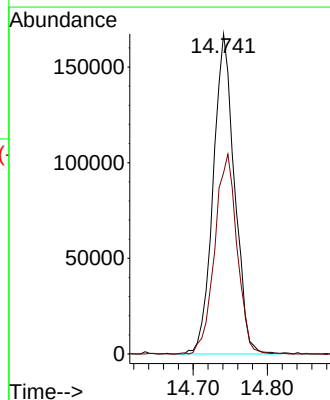
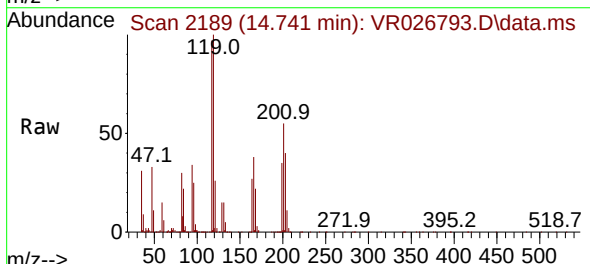
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

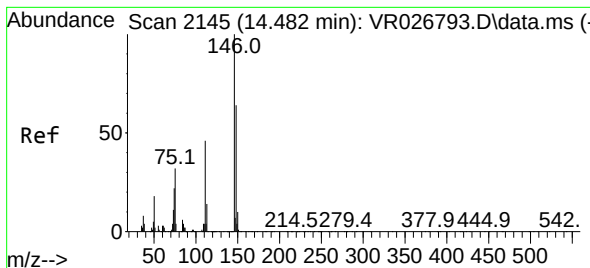
Tgt Ion: 91 Resp: 2343916
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 49.940 ug/l
RT: 14.741 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 117 Resp: 334610
Ion Ratio Lower Upper
117 100
201 65.3 32.6 98.0

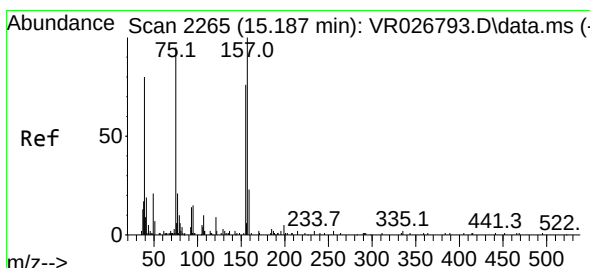
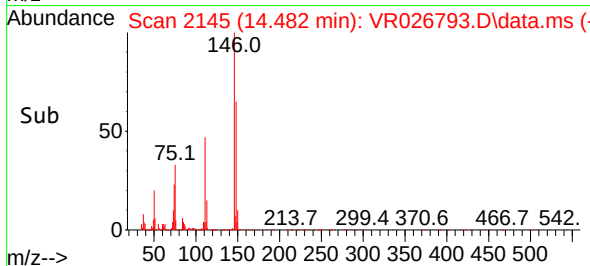
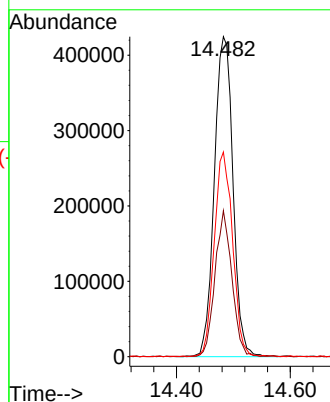
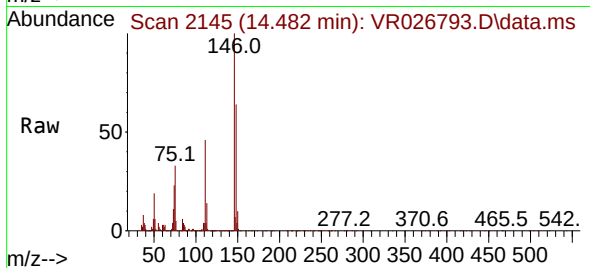




#91
1,2-Dichlorobenzene
Concen: 51.834 ug/l
RT: 14.482 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

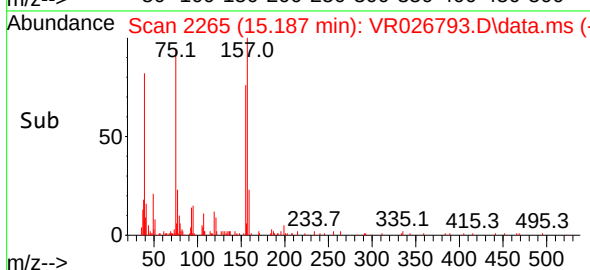
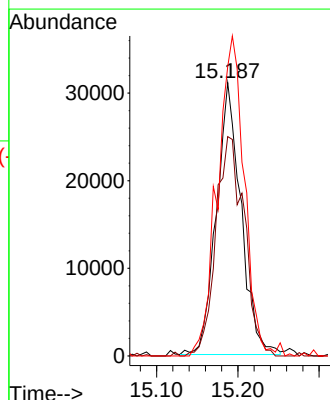
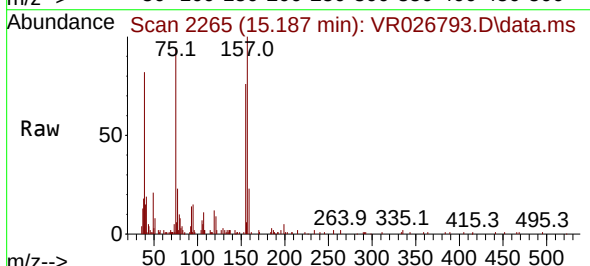
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

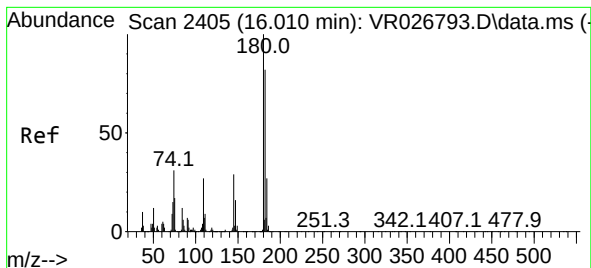
Tgt Ion:146 Resp: 966091
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.0 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.189 ug/l
RT: 15.187 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 65080
Ion Ratio Lower Upper
75 100
155 93.3 46.7 140.0
157 128.1 64.0 192.2





#93

1,2,4-Trichlorobenzene

Concen: 58.501 ug/l

RT: 16.010 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

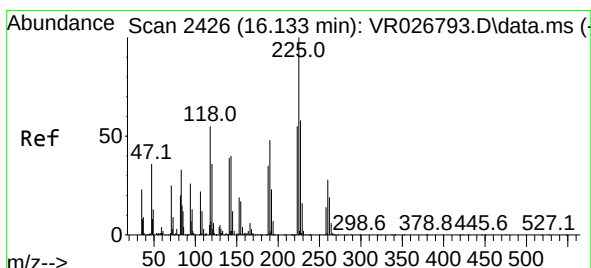
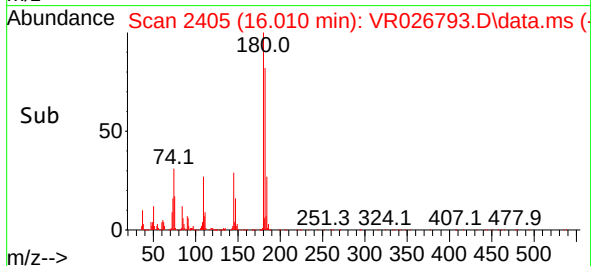
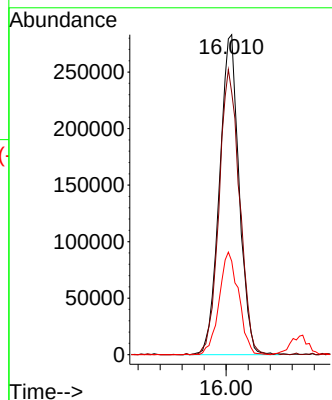
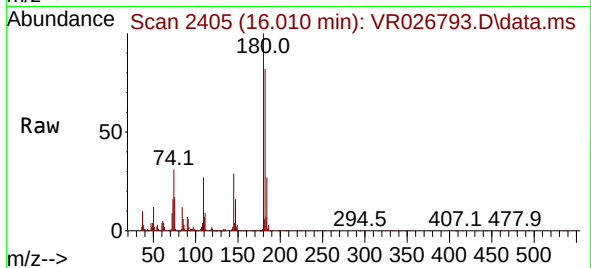
Tgt Ion:180 Resp: 699962

Ion Ratio Lower Upper

180 100

182 92.8 46.4 139.2

145 32.1 16.1 48.2



#94

Hexachlorobutadiene

Concen: 55.279 ug/l

RT: 16.133 min Scan# 2426

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

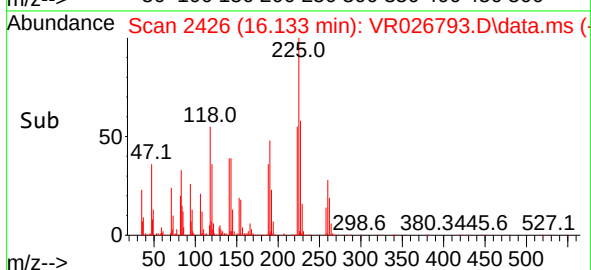
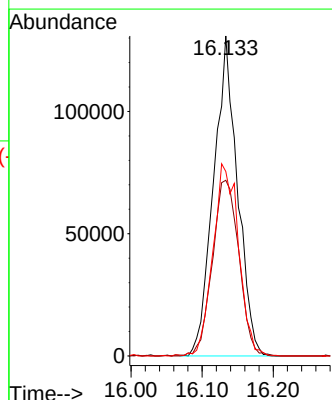
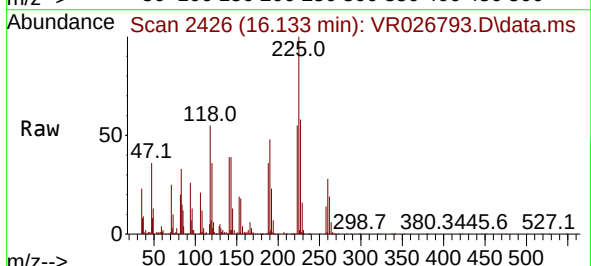
Tgt Ion:225 Resp: 305343

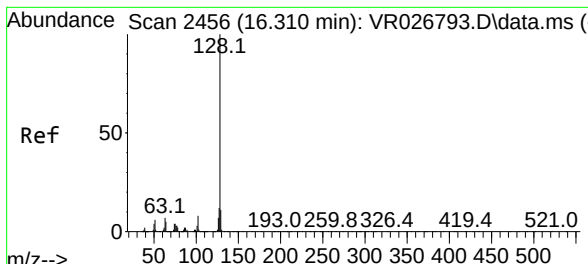
Ion Ratio Lower Upper

225 100

223 60.7 30.3 91.0

227 64.6 32.3 96.9

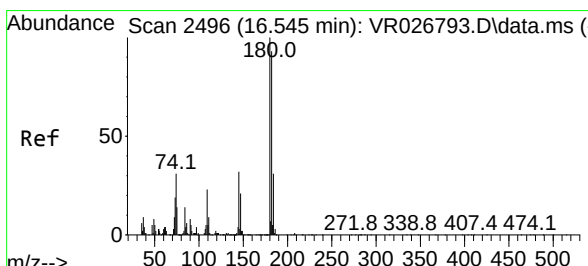
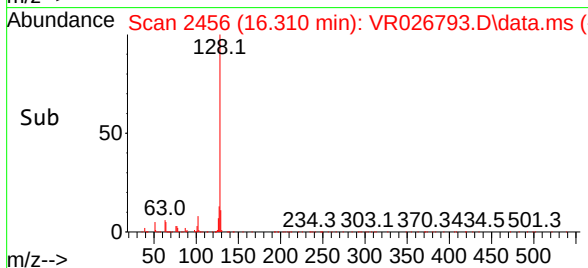
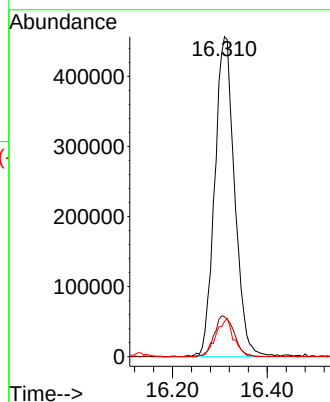
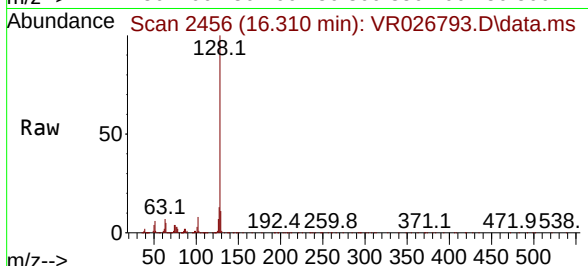




#95
Naphthalene
Concen: 51.211 ug/l
RT: 16.310 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Instrument : MSVOA_R
ClientSampleId : VSTDICCC050

Tgt Ion:128 Resp: 1330594
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 58.444 ug/l
RT: 16.545 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VR026793.D
Acq: 4 Dec 2025 13:29

Tgt Ion:180 Resp: 594450
Ion Ratio Lower Upper
180 100
182 96.4 48.2 144.6
145 32.8 16.4 49.2

