

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075584.D
 Acq On : 06 Dec 2022 15:03
 Operator : JC\MD
 Sample : N5876-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-SIL-12-02

Quant Time: Dec 07 00:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	134836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41135	56.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.660%
35) Dibromofluoromethane	8.171	113	45957	50.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.571	98	99445	48.753	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.853	95	80089	53.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.380%
Target Compounds						Qvalue
3) Chloromethane	2.524	50	31038	24.193	ug/l #	71
6) Chloroethane	3.130	64	379	0.309	ug/l #	45
8) Diethyl Ether	3.983	74	1167	1.442	ug/l	71
11) Tert butyl alcohol	5.530	59	234484	771.746	ug/l	98
13) Acrolein	4.300	56	269	1.016	ug/l #	1
14) Allyl chloride	4.959	41	1293	0.801	ug/l #	19
15) Acrylonitrile	5.741	53	482	0.691	ug/l #	48
16) Acetone	4.436	43	335035	496.267	ug/l	97
17) Carbon Disulfide	4.718	76	1742	0.537	ug/l #	74
18) Methyl Acetate	5.042	43	10537	5.026	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	94092	21.272	ug/l	98
20) Methylene Chloride	5.283	84	9874	6.089	ug/l	89
22) Diisopropyl ether	6.688	45	337342	91.526	ug/l #	1
23) Vinyl Acetate	6.694	43	20159	6.875	ug/l #	67
24) 1,1-Dichloroethane	6.694	63	2471	1.044	ug/l #	82
25) 2-Butanone	7.488	43	70486	74.783	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	360	0.224	ug/l	56
29) Tetrahydrofuran	7.835	42	713	1.244	ug/l #	26
31) Cyclohexane	8.259	56	9066	3.943	ug/l	98
36) 1,1-Dichloropropene	8.224	75	9256	4.687	ug/l #	44
37) Ethyl Acetate	7.565	43	20456	11.503	ug/l	98
38) Carbon Tetrachloride	8.224	117	12939	5.964	ug/l #	17
39) Methylcyclohexane	9.606	83	19257	7.791	ug/l	91
40) Benzene	8.612	78	11287708	1866.689	ug/l	100
41) Methacrylonitrile	7.794	41	430	0.473	ug/l #	1
42) 1,2-Dichloroethane	8.612	62	96926	47.860	ug/l #	75
43) Isopropyl Acetate	8.694	43	87868	30.782	ug/l #	82
48) Methyl methacrylate	9.659	41	13732	10.404	ug/l #	28
49) 1,4-Dioxane	9.694	88	235	6.270	ug/l #	28
51) 4-Methyl-2-Pentanone	10.453	43	11150	6.133	ug/l	99
52) Toluene	10.635	92	1568571	402.539	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	2355	1.111	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	30949	13.448	ug/l #	64
55) 1,1,2-Trichloroethane	11.012	97	2150	1.355	ug/l #	17
56) Ethyl methacrylate	10.918	69	759	0.354	ug/l #	29
57) 1,3-Dichloropropane	11.206	76	3159	1.221	ug/l #	42

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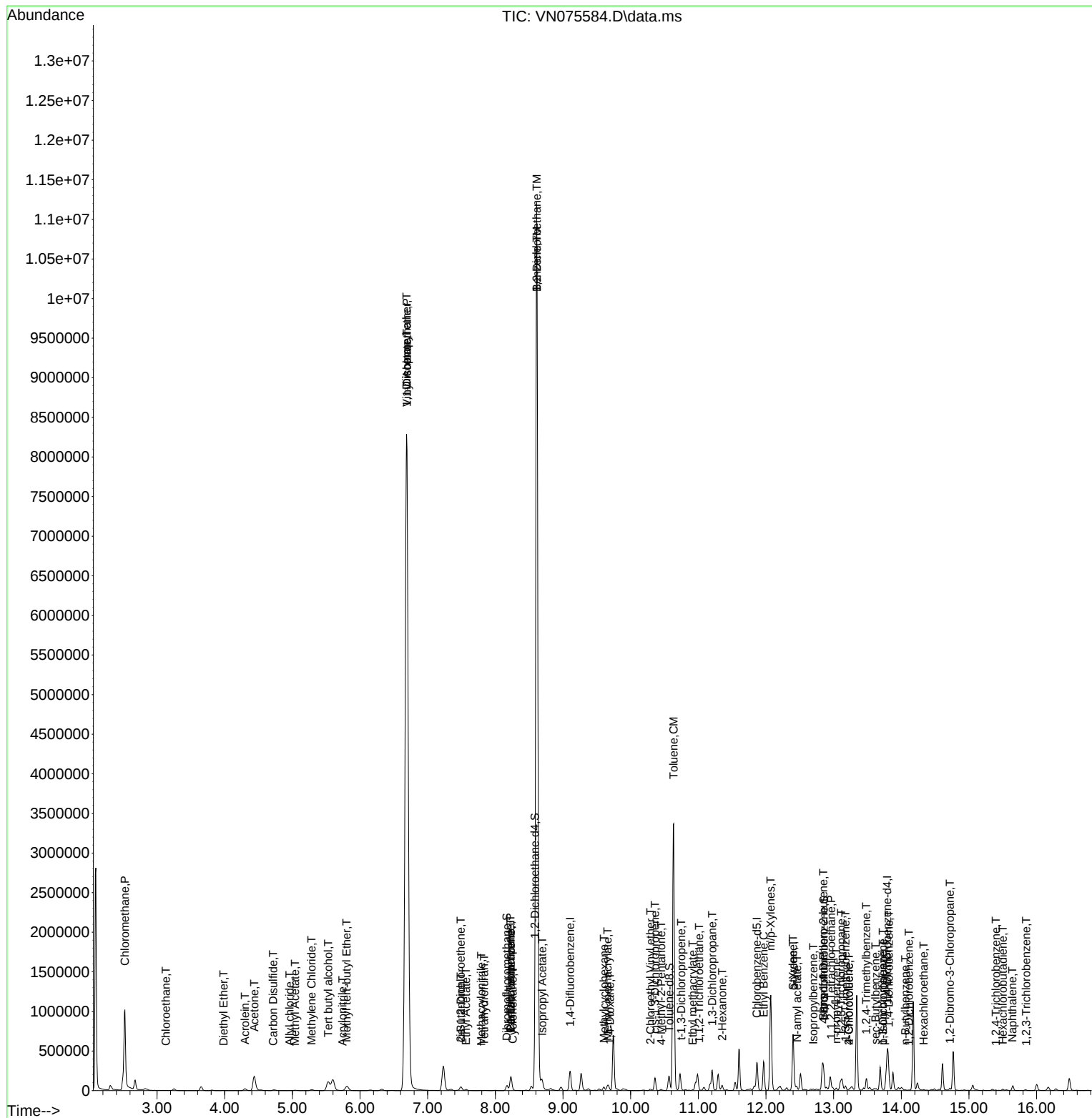
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	10.294	63	691	0.894	ug/l #	82
59) 2-Hexanone	11.353	43	3862	2.829	ug/l	78
67) Ethyl Benzene	11.965	91	260887	33.965	ug/l	97
68) m/p-Xylenes	12.070	106	404487	129.679	ug/l	99
69) o-Xylene	12.400	106	207553	66.972	ug/l	96
70) Styrene	12.400	104	11270	2.305	ug/l #	1
71) Bromoform	12.847	173	300	0.235	ug/l #	28
73) Isopropylbenzene	12.700	105	13119	1.560	ug/l	99
74) N-amyl acetate	12.459	43	10515	4.068	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.965	83	3202	1.249	ug/l #	68
76) 1,2,3-Trichloropropane	13.112	75	1401	0.644	ug/l #	1
78) n-propylbenzene	13.041	91	19388	2.066	ug/l	99
79) 2-Chlorotoluene	13.223	91	1512	0.267	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	25531	3.655	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	40807	55.485	ug/l #	16
82) 4-Chlorotoluene	13.223	91	1512	0.267	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	87007	12.417	ug/l	99
85) sec-Butylbenzene	13.617	105	2808	0.325	ug/l	81
86) p-Isopropyltoluene	13.729	119	3018	0.415	ug/l #	76
87) 1,3-Dichlorobenzene	13.729	146	1166	0.296	ug/l #	61
88) 1,4-Dichlorobenzene	13.817	146	1810	0.453	ug/l #	63
89) n-Butylbenzene	14.059	91	3028	0.493	ug/l #	76
90) Hexachloroethane	14.329	117	447	0.356	ug/l #	19
91) 1,2-Dichlorobenzene	14.112	146	1371	0.358	ug/l #	66
92) 1,2-Dibromo-3-Chloropr...	14.717	75	132	0.272	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.400	180	1738	0.885	ug/l	88
94) Hexachlorobutadiene	15.500	225	257	0.251	ug/l #	36
95) Naphthalene	15.641	128	17250	2.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	2037	1.055	ug/l	68

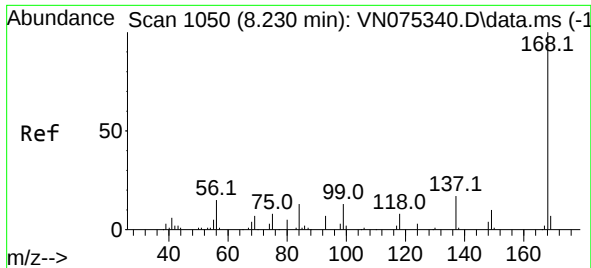
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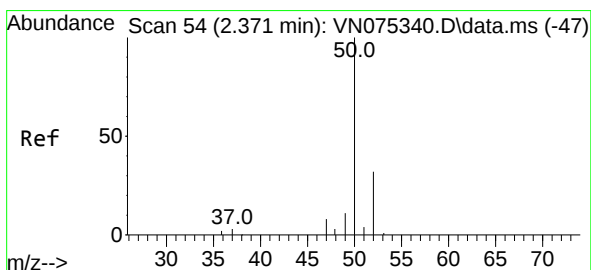
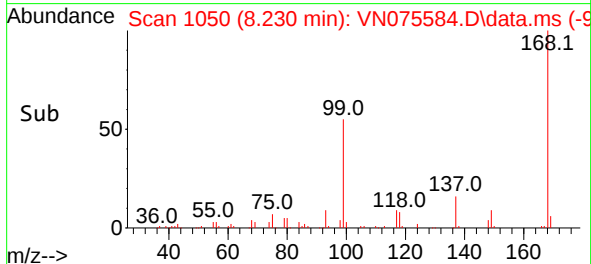
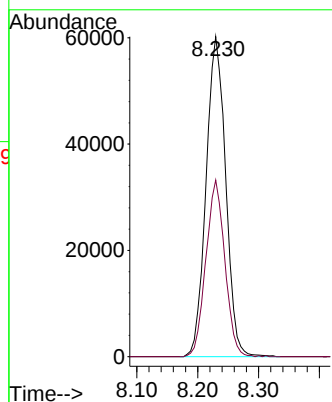
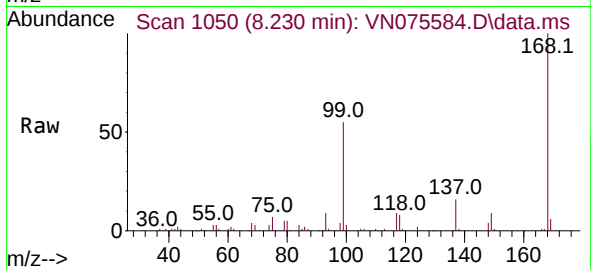




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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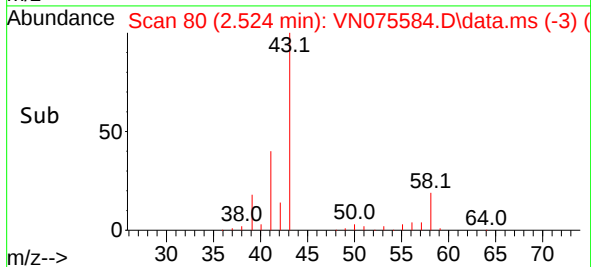
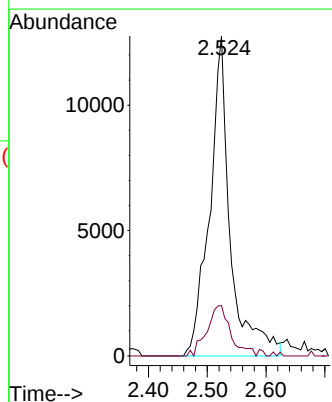
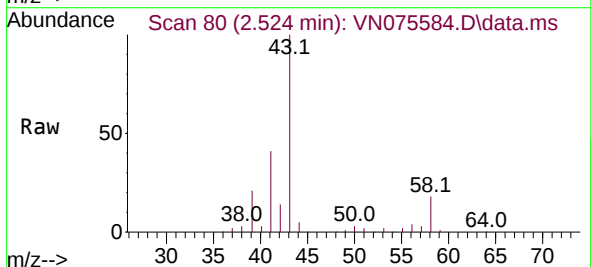
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ClientSampleId :
LIN-SIL-12-02

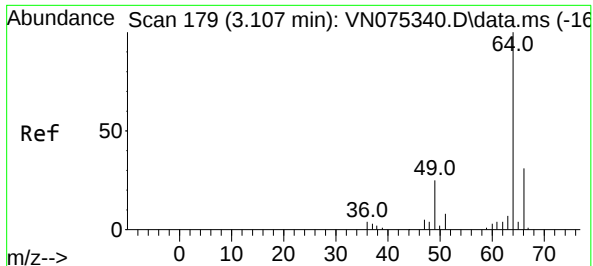
Tgt Ion:168 Resp: 134836
Ion Ratio Lower Upper
168 100
99 55.2 51.6 77.4



#3
Chloromethane
Concen: 24.193 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.153 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 50 Resp: 31038
Ion Ratio Lower Upper
50 100
52 15.7 25.8 38.6#

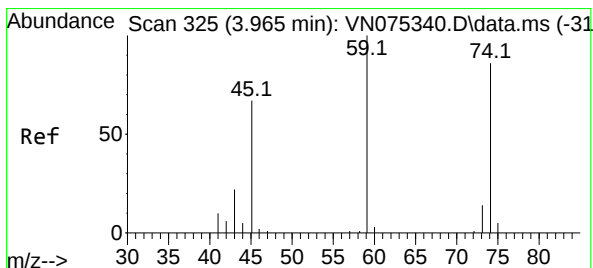
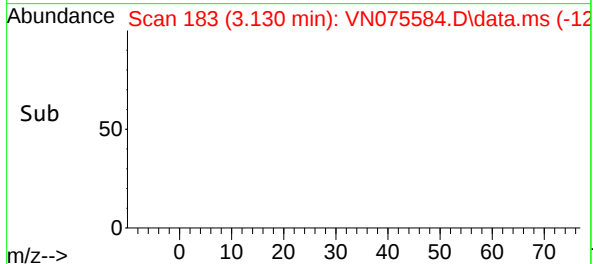
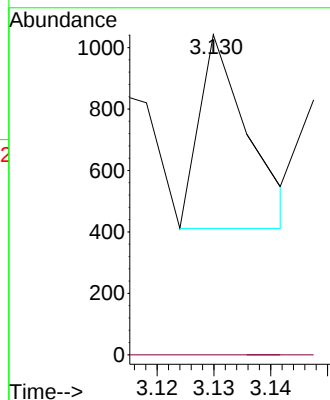
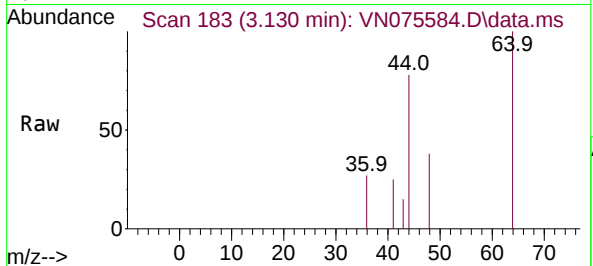




#6
Chloroethane
Concen: 0.309 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

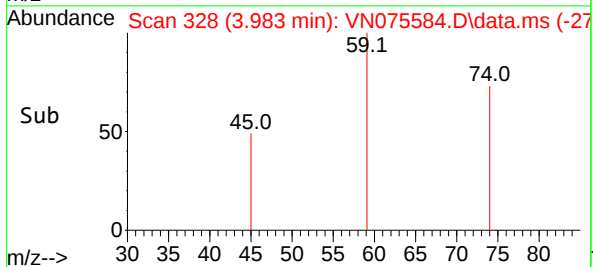
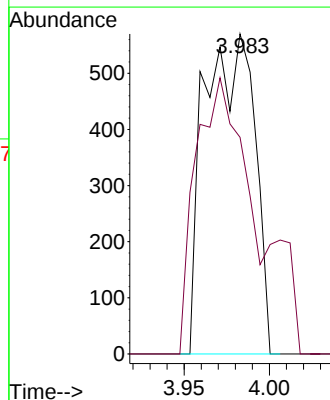
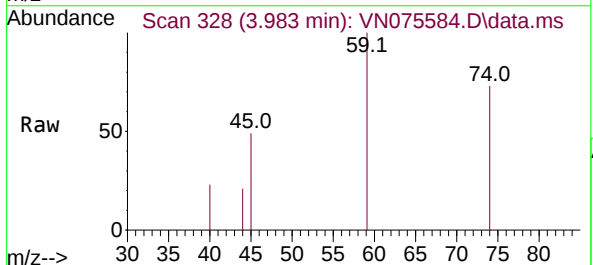
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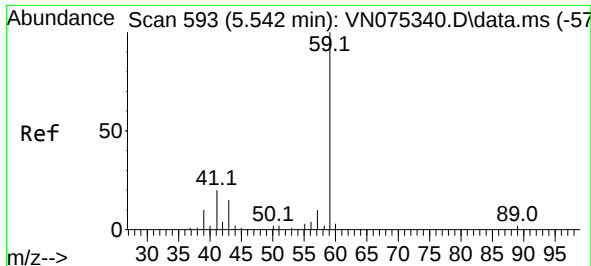
Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 1.442 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.018 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 74 Resp: 1167
Ion Ratio Lower Upper
74 100
45 103.6 39.3 117.9

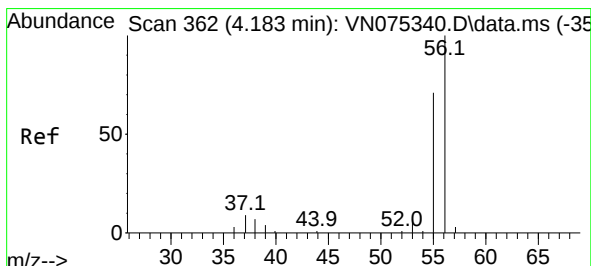
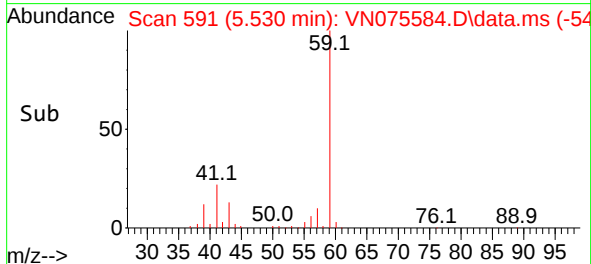
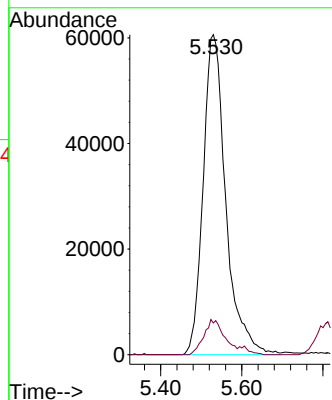
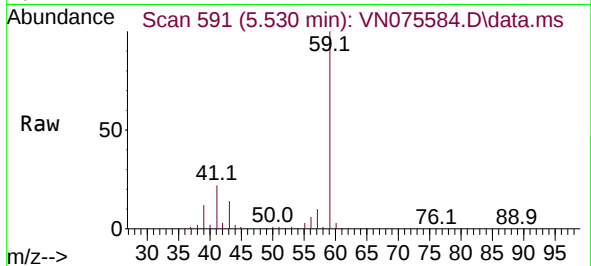




#11
Tert butyl alcohol
Concen: 771.746 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

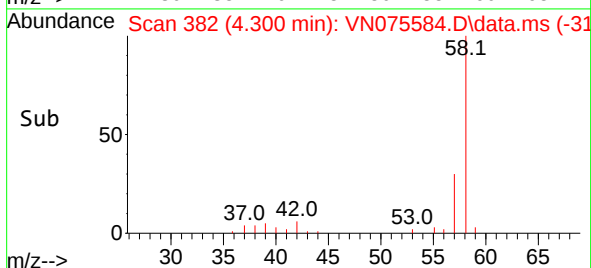
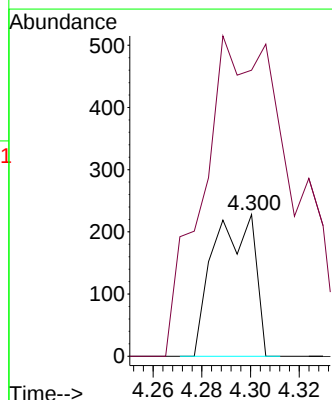
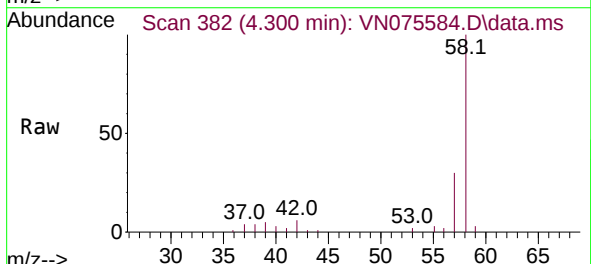
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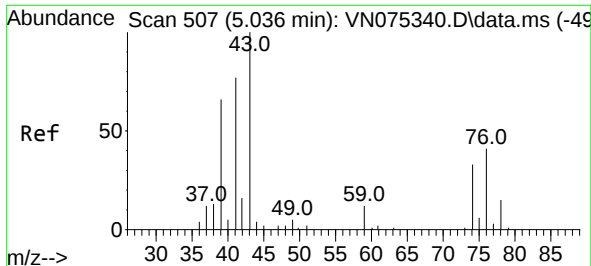
Tgt Ion: 59 Resp: 234484
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#13
Acrolein
Concen: 1.016 ug/l
RT: 4.300 min Scan# 382
Delta R.T. 0.117 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

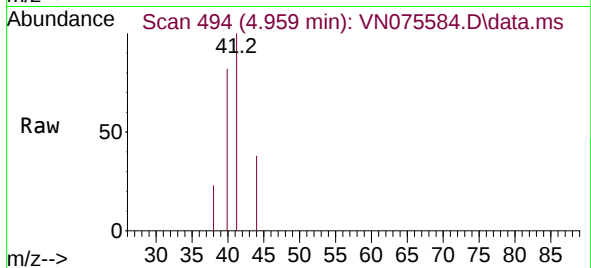
Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 484.4 55.2 82.8#



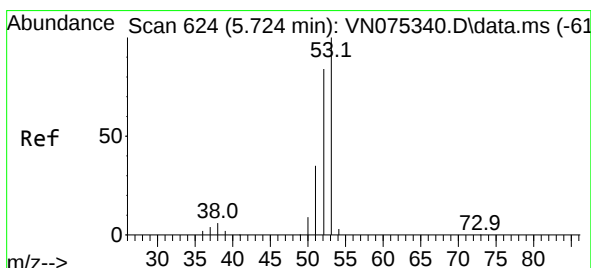
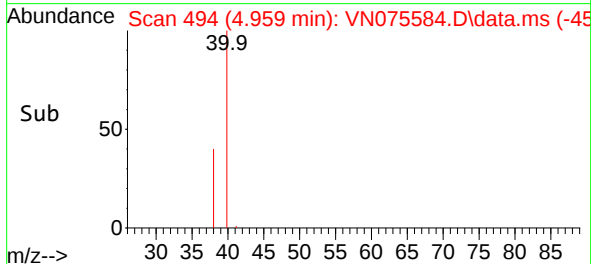
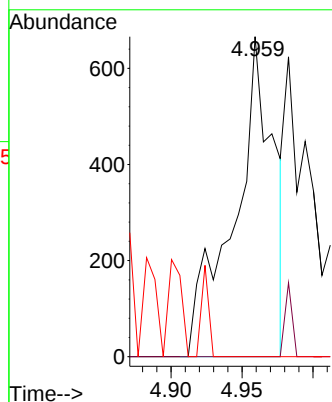


#14
 Allyl chloride
 Concen: 0.801 ug/l
 RT: 4.959 min Scan# 494
 Delta R.T. -0.077 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

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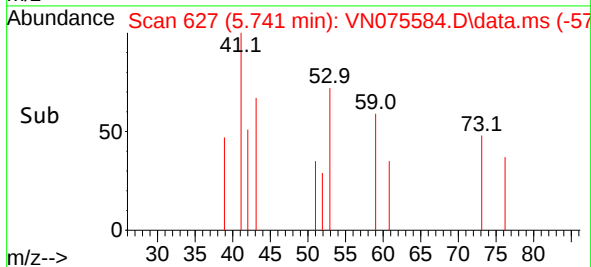
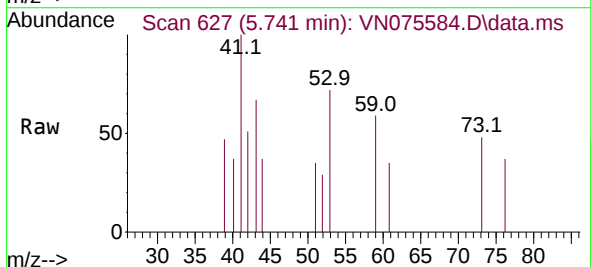
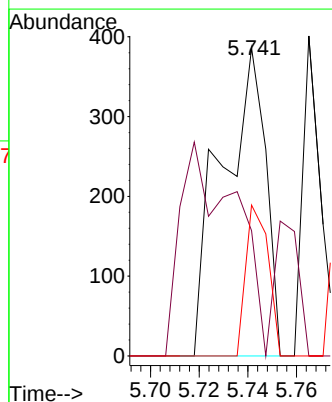


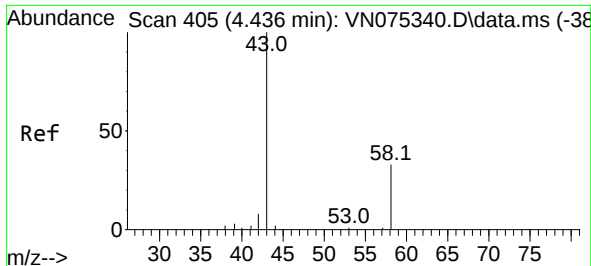
Tgt Ion: 41 Resp: 1293
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.0 91.4#
 76 0.0 33.4 50.0#



#15
 Acrylonitrile
 Concen: 0.691 ug/l
 RT: 5.741 min Scan# 627
 Delta R.T. 0.017 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

Tgt Ion: 53 Resp: 482
 Ion Ratio Lower Upper
 53 100
 52 23.9 66.4 99.6#
 51 25.1 29.6 44.4#





#16

Acetone

Concen: 496.267 ug/l

RT: 4.436 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

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ClientSampleId :

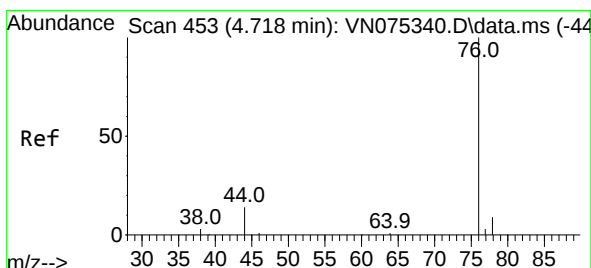
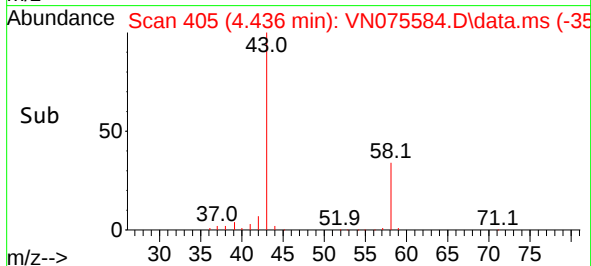
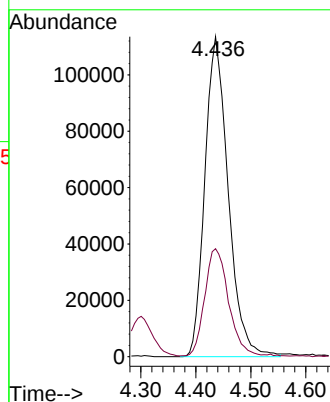
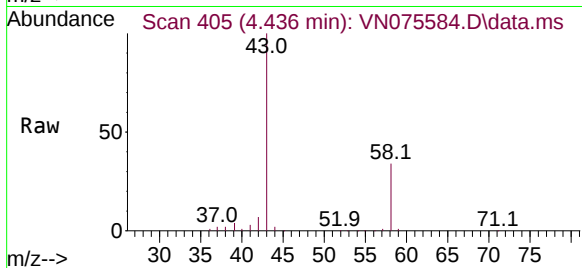
LIN-SIL-12-02

Tgt Ion: 43 Resp: 335035

Ion Ratio Lower Upper

43 100

58 33.5 25.5 38.3



#17

Carbon Disulfide

Concen: 0.537 ug/l

RT: 4.718 min Scan# 453

Delta R.T. 0.000 min

Lab File: VN075584.D

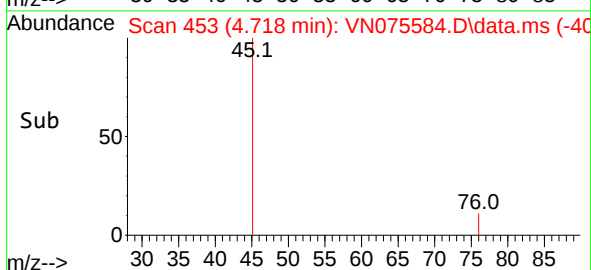
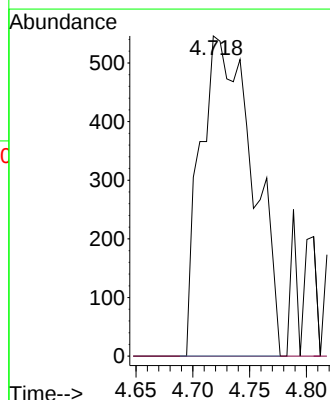
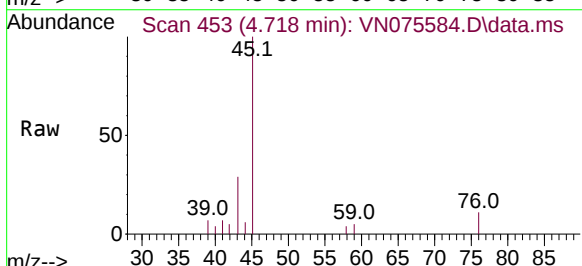
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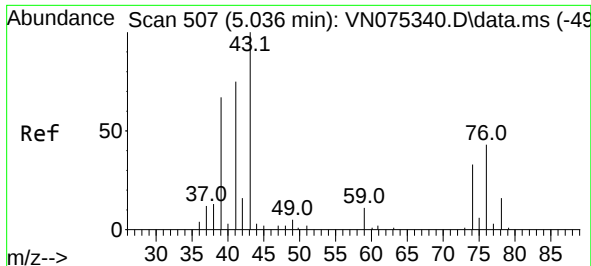
Tgt Ion: 76 Resp: 1742

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

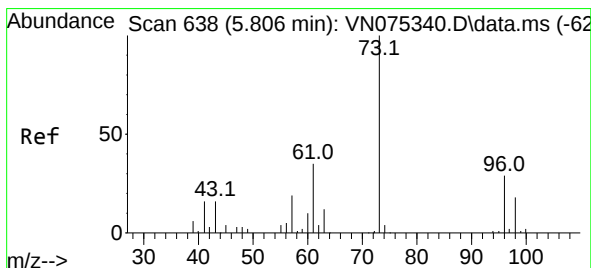
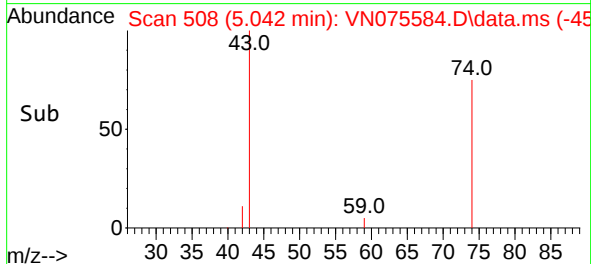
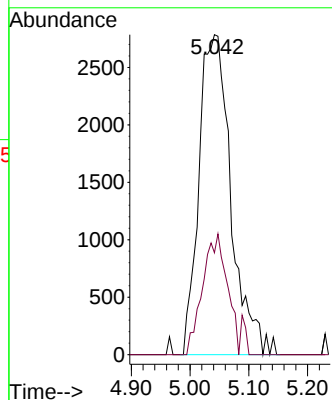
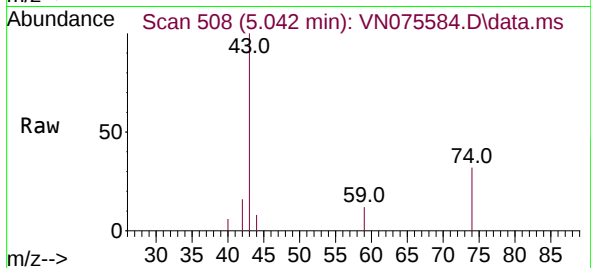




#18
Methyl Acetate
Concen: 5.026 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

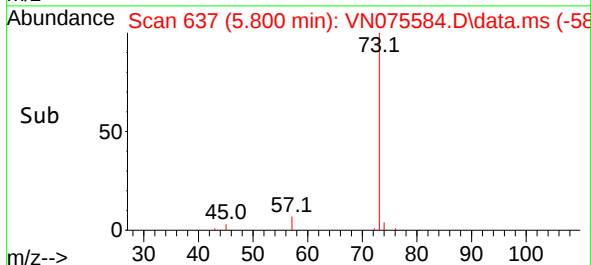
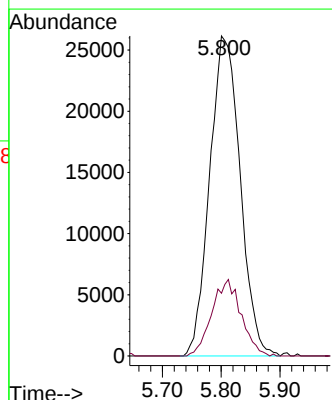
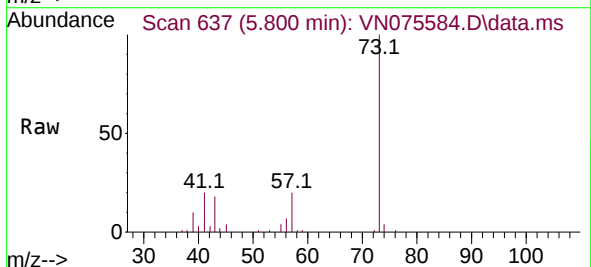
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

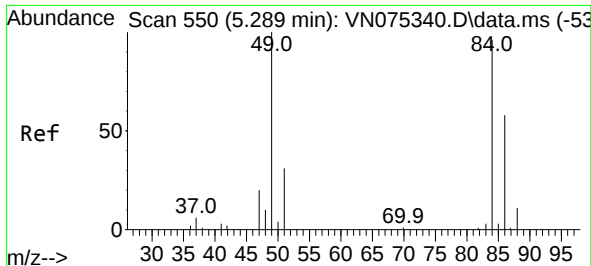
Tgt Ion: 43 Resp: 10537
Ion Ratio Lower Upper
43 100
74 28.9 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 21.272 ug/l
RT: 5.800 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 73 Resp: 94092
Ion Ratio Lower Upper
73 100
57 19.6 16.3 24.5

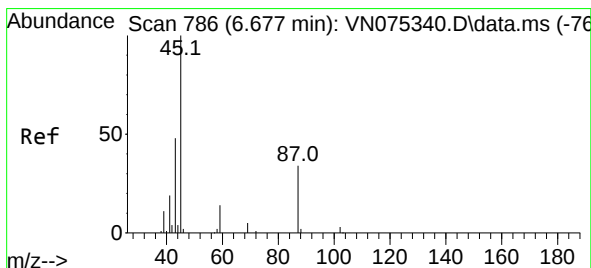
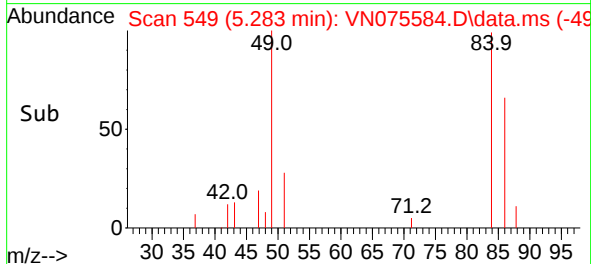
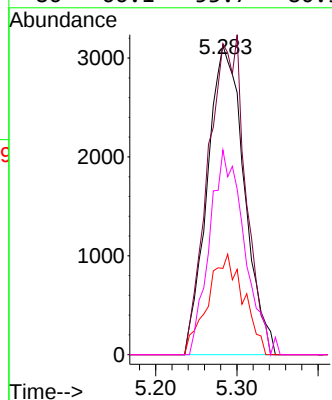
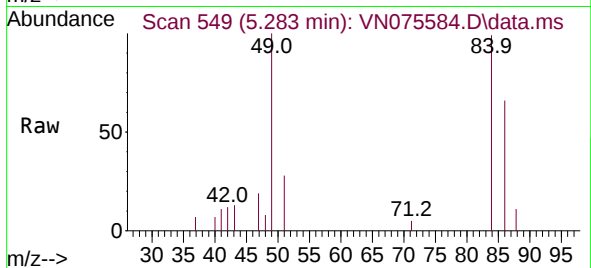




#20
Methylene Chloride
Concen: 6.089 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

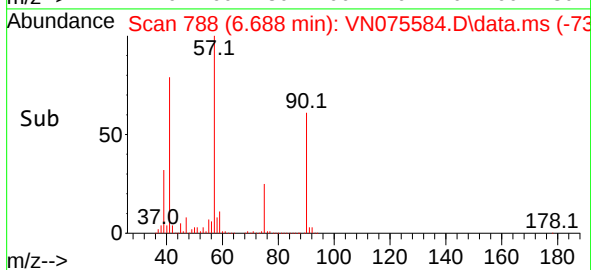
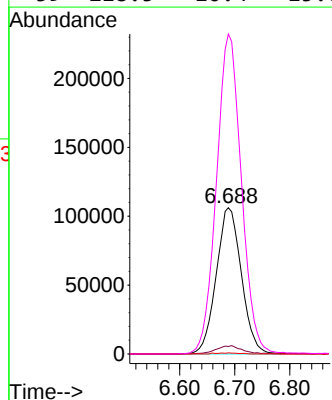
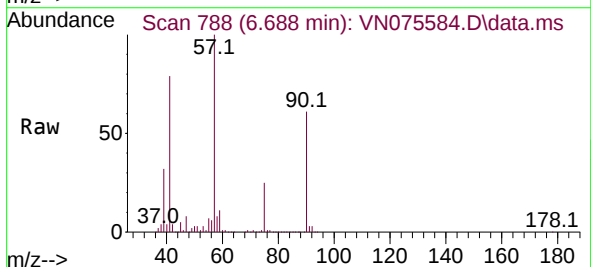
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

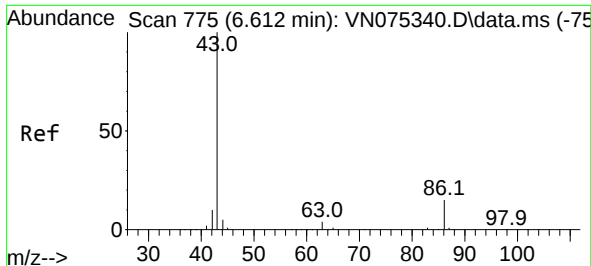
Tgt Ion: 84	Resp: 9874
Ion Ratio	Lower Upper
84 100	
49 100.6	94.9 142.3
51 27.9	26.8 40.2
86 66.1	53.7 80.5



#22
Diisopropyl ether
Concen: 91.526 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.011 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 45	Resp: 337342
Ion Ratio	Lower Upper
45 100	
43 5.2	42.8 64.2#
87 0.8	28.4 42.6#
59 218.5	10.4 15.6#

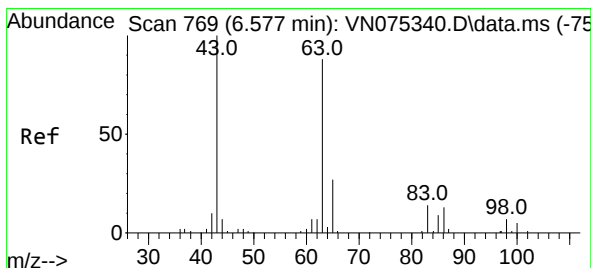
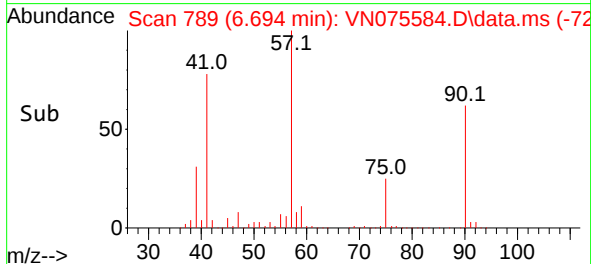
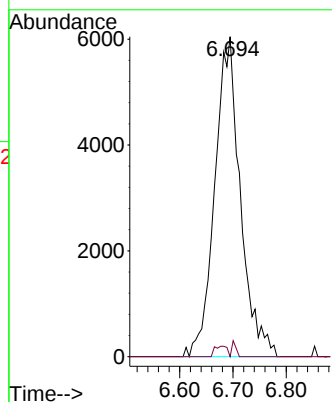
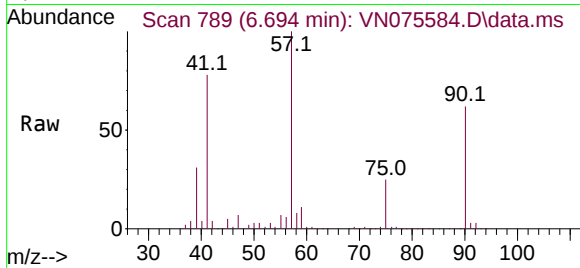




#23
 Vinyl Acetate
 Concen: 6.875 ug/l
 RT: 6.694 min Scan# 789
 Delta R.T. 0.082 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

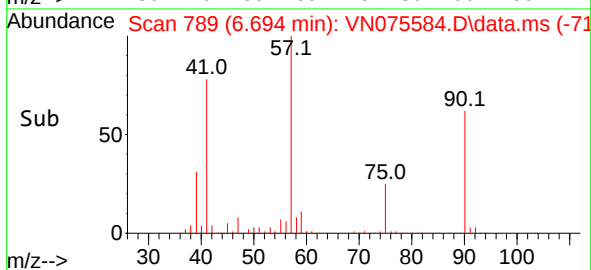
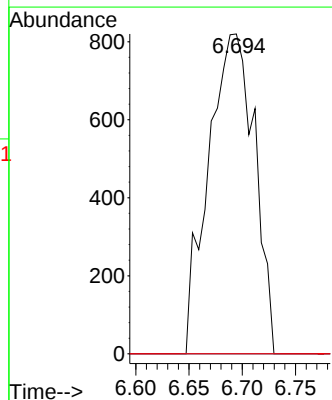
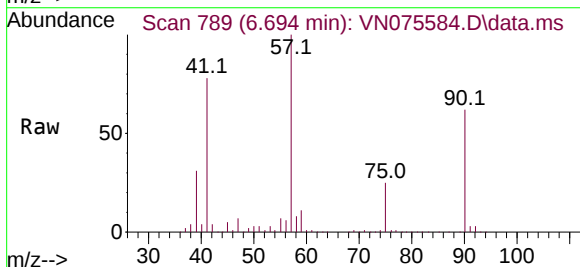
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-SIL-12-02

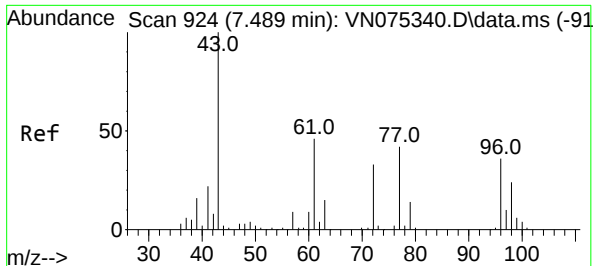
Tgt Ion: 43 Resp: 20159
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 1.044 ug/l
 RT: 6.694 min Scan# 789
 Delta R.T. 0.117 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

Tgt Ion: 63 Resp: 2471
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 74.783 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

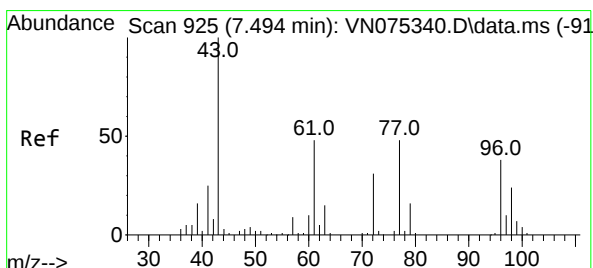
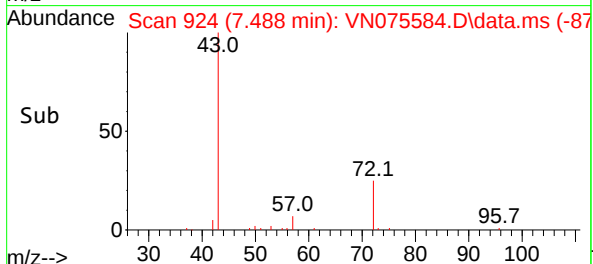
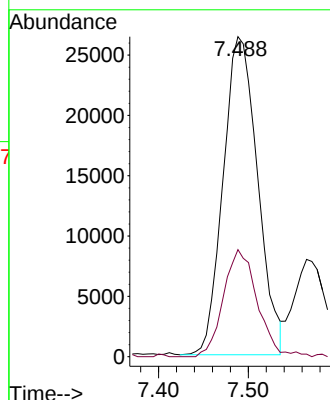
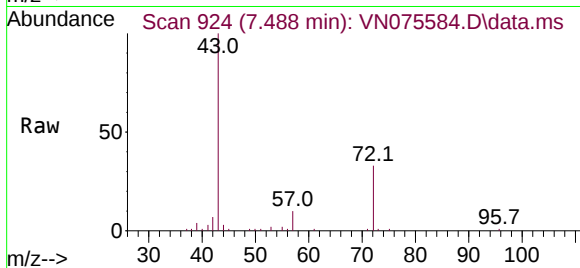
LIN-SIL-12-02

Tgt Ion: 43 Resp: 70486

Ion Ratio Lower Upper

43 100

72 33.7 25.5 38.3



#27

cis-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.006 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

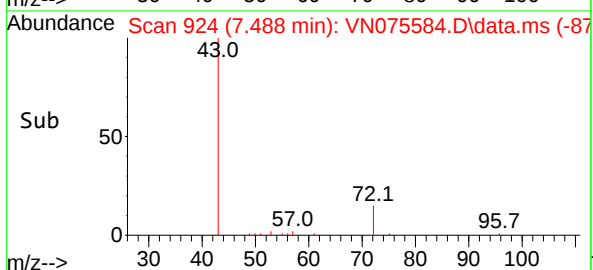
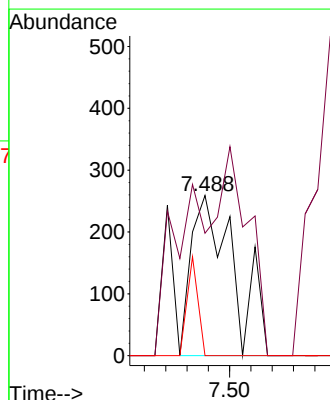
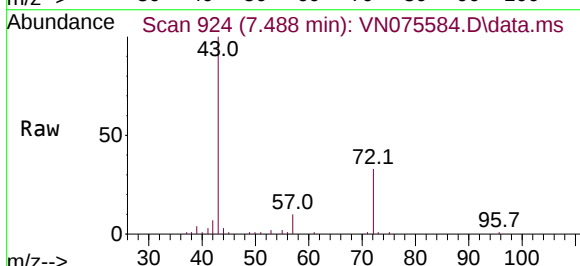
Tgt Ion: 96 Resp: 360

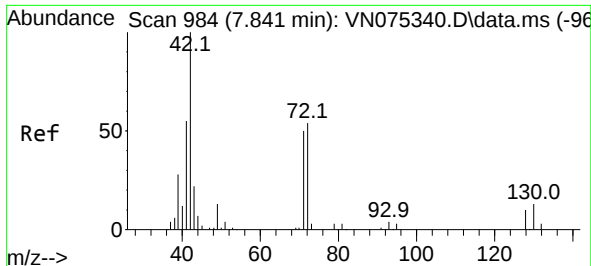
Ion Ratio Lower Upper

96 100

61 182.5 0.0 278.8

98 15.6 0.0 128.4





#29

Tetrahydrofuran

Concen: 1.244 ug/l

RT: 7.835 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

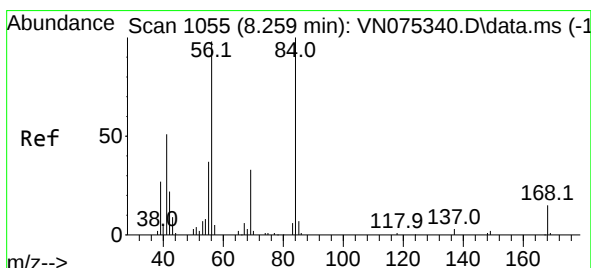
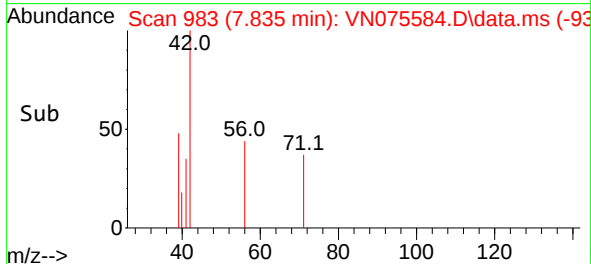
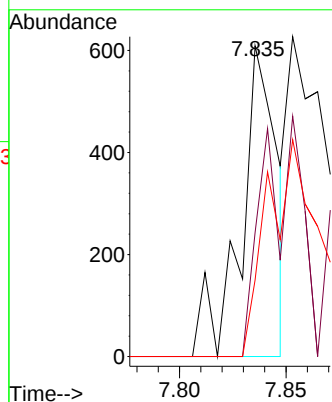
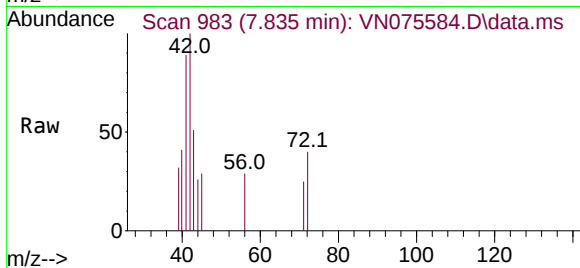
Tgt Ion: 42 Resp: 713

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

71 0.0 39.9 59.9#



#31

Cyclohexane

Concen: 3.943 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

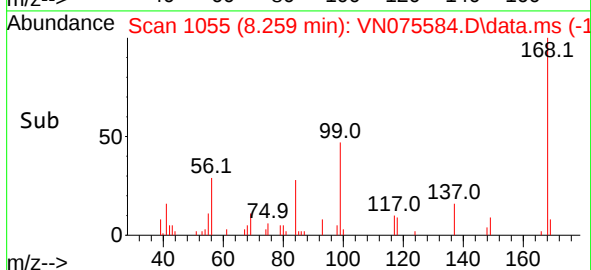
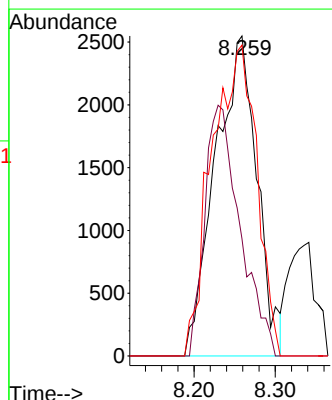
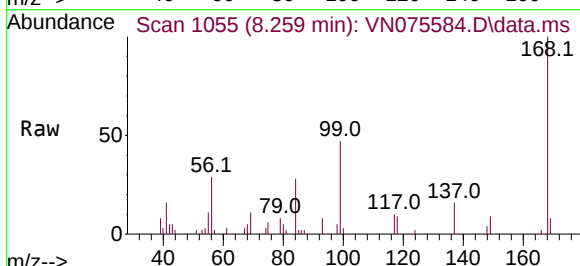
Tgt Ion: 56 Resp: 9066

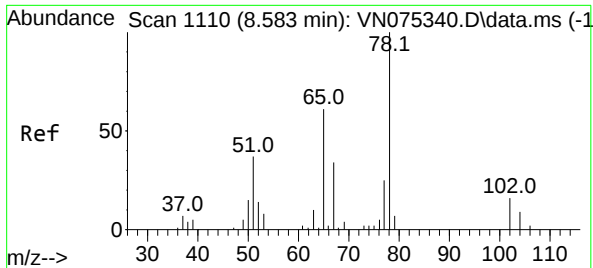
Ion Ratio Lower Upper

56 100

69 36.6 25.2 37.8

84 97.1 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 56.834 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

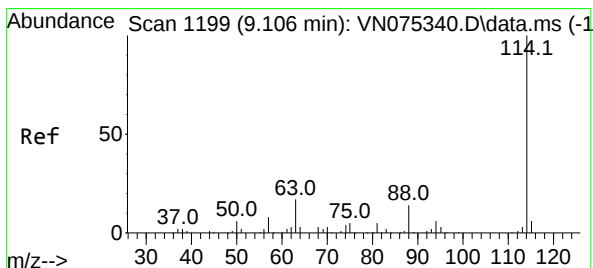
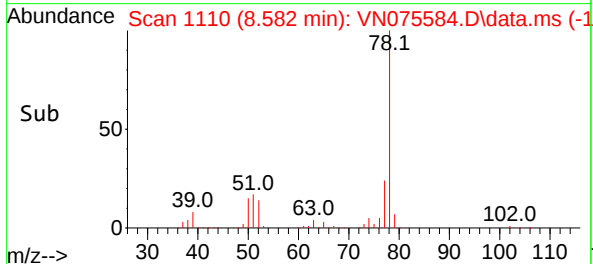
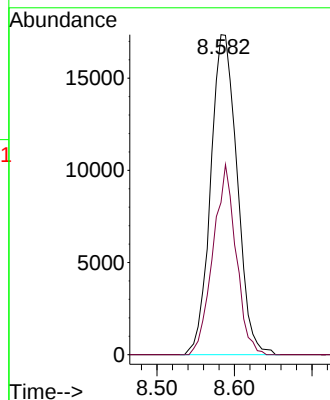
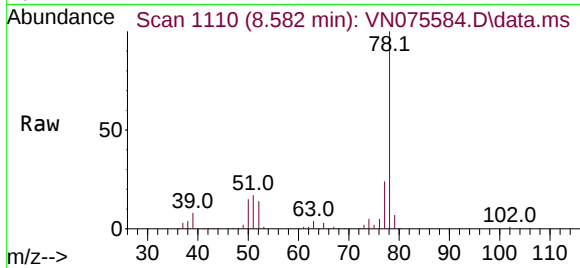
LIN-SIL-12-02

Tgt Ion: 65 Resp: 41135

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

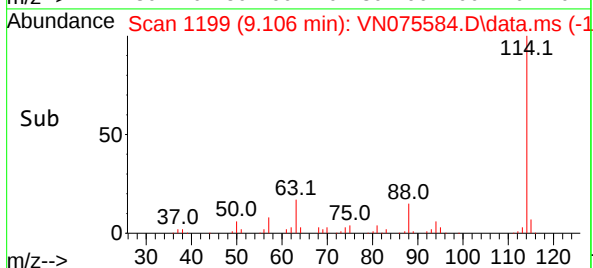
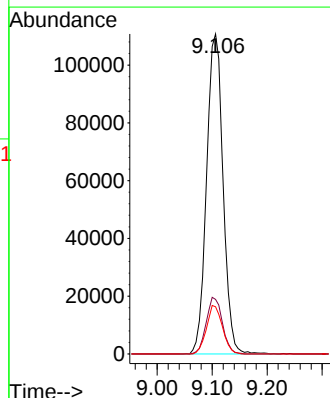
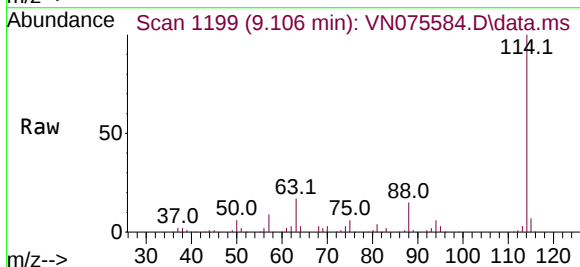
Tgt Ion: 114 Resp: 230544

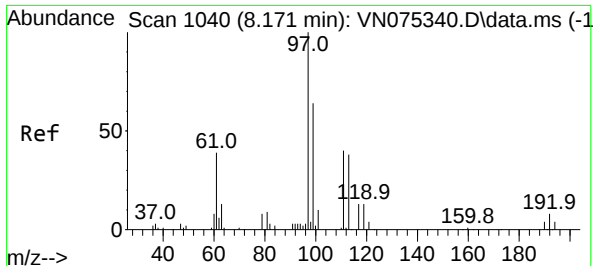
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

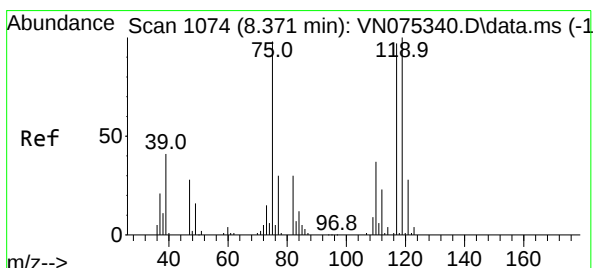
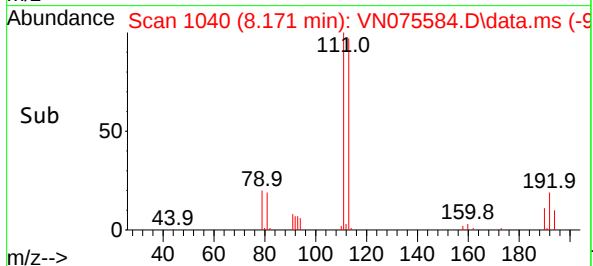
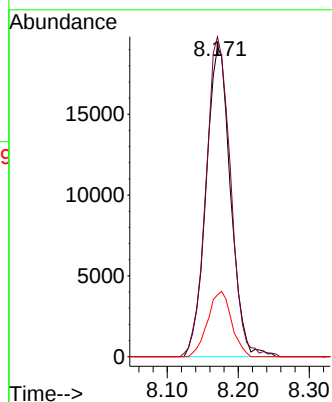
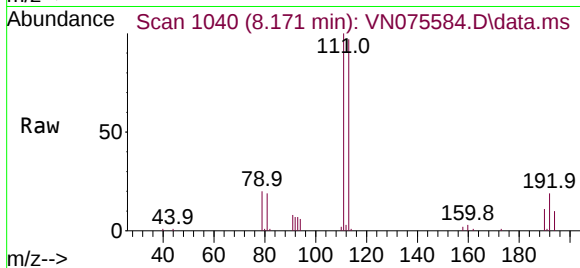
Tgt Ion:113 Resp: 45957

Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 20.5 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 4.687 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

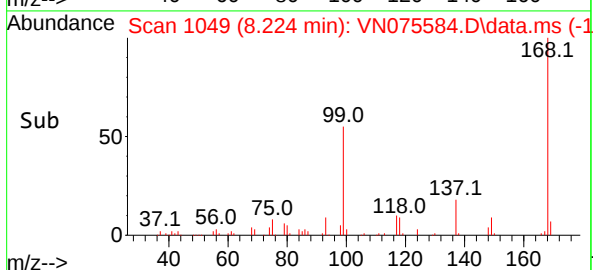
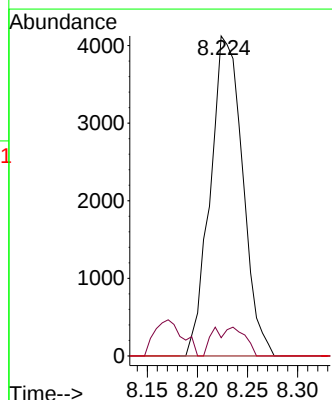
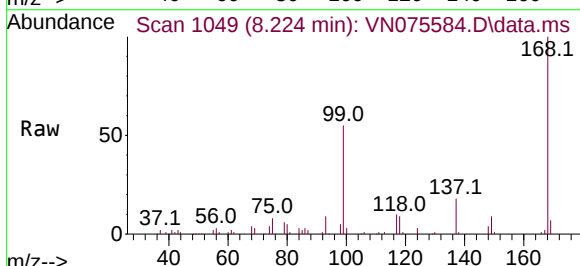
Tgt Ion: 75 Resp: 9256

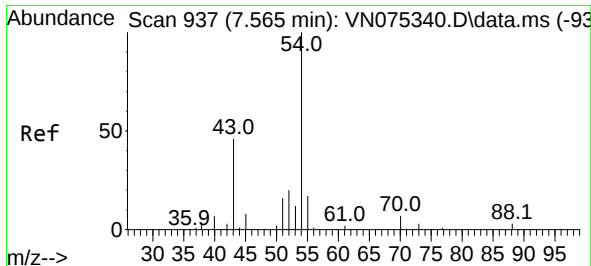
Ion Ratio Lower Upper

75 100

110 3.2 17.8 53.3#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 11.503 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

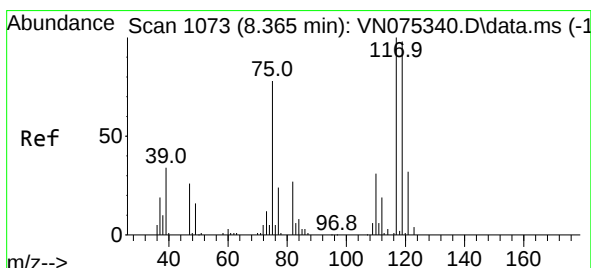
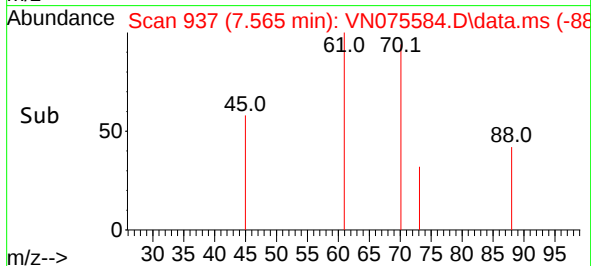
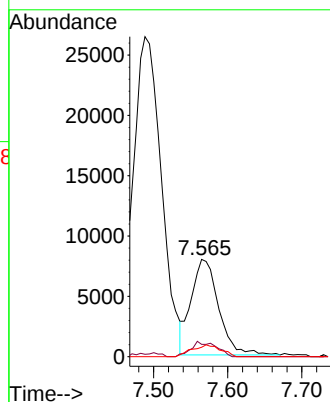
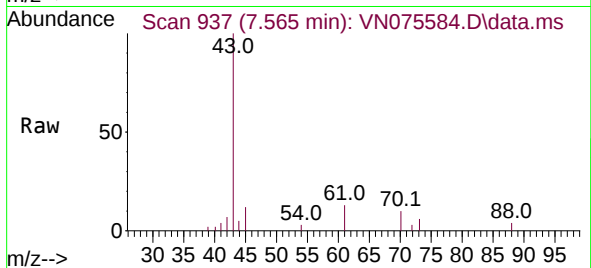
Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

Tgt Ion:	43	Resp:	20456
Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.2	18.4
70	12.9	9.4	14.2



#38

Carbon Tetrachloride

Concen: 5.964 ug/l

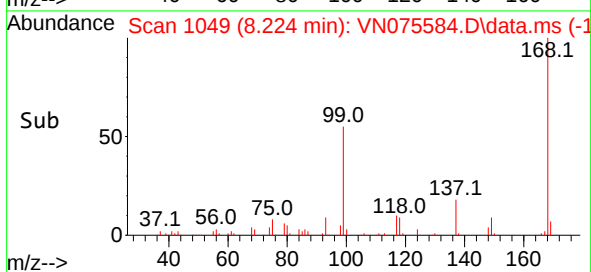
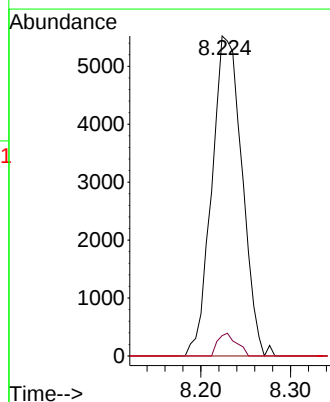
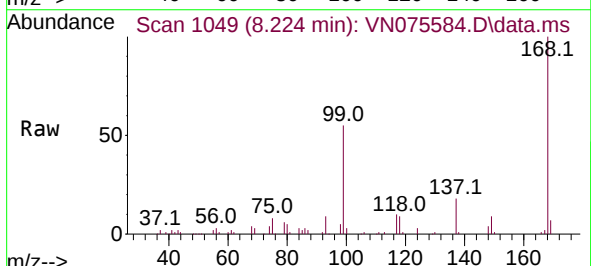
RT: 8.224 min Scan# 1049

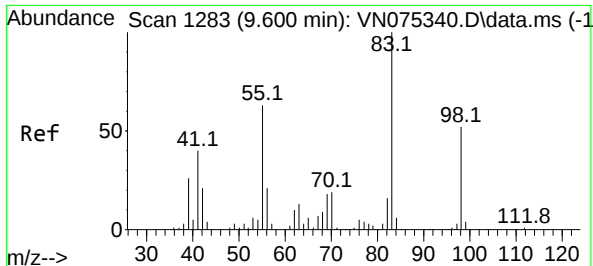
Delta R.T. -0.141 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Tgt Ion:	117	Resp:	12939
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.7	115.1#
121	0.0	23.9	35.9#





#39

Methylcyclohexane

Concen: 7.791 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

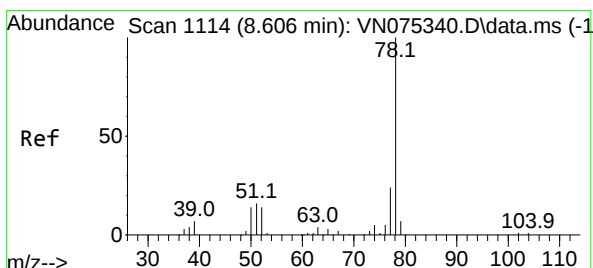
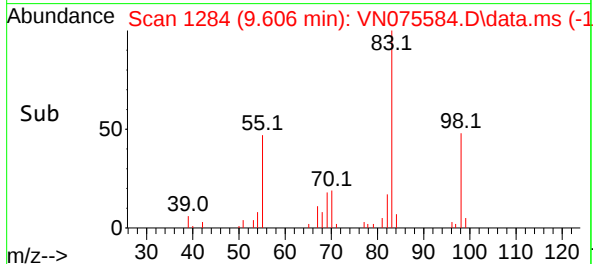
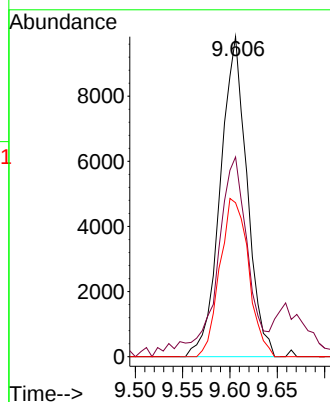
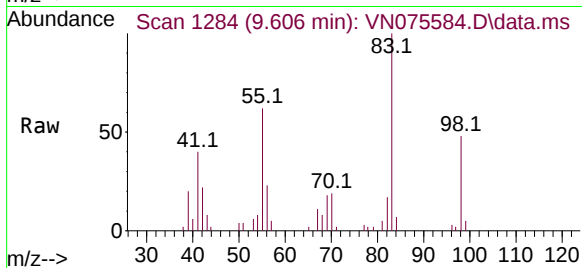
Tgt Ion: 83 Resp: 19257

Ion Ratio Lower Upper

83 100

55 57.7 53.6 80.4

98 48.1 41.1 61.7



#40

Benzene

Concen: 1866.689 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075584.D

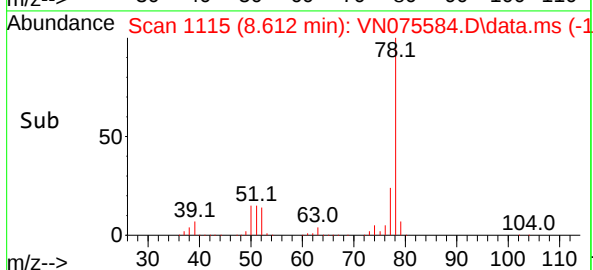
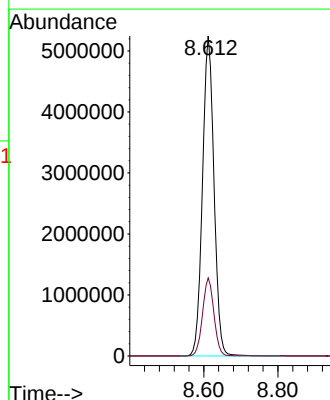
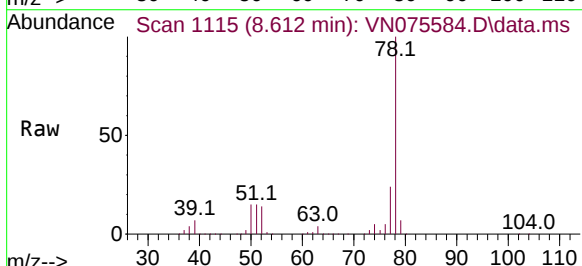
Acq: 06 Dec 2022 15:03

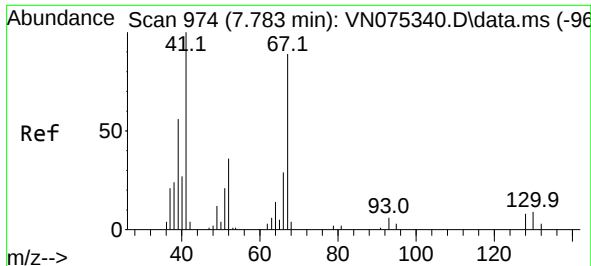
Tgt Ion: 78 Resp:11287708

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

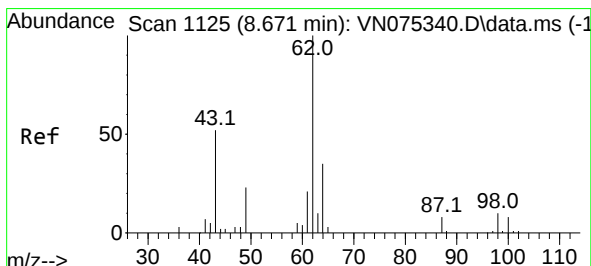
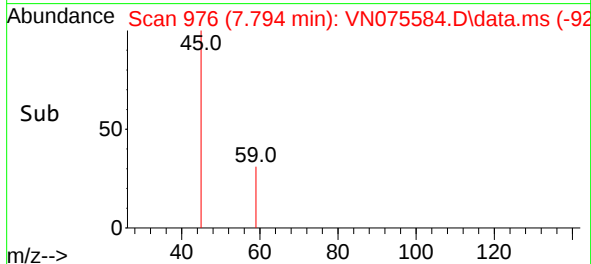
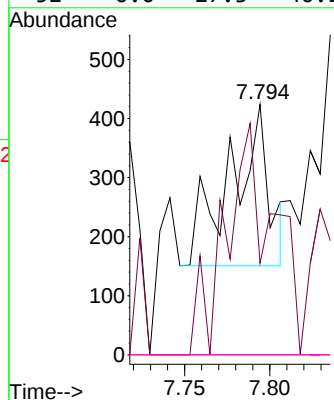
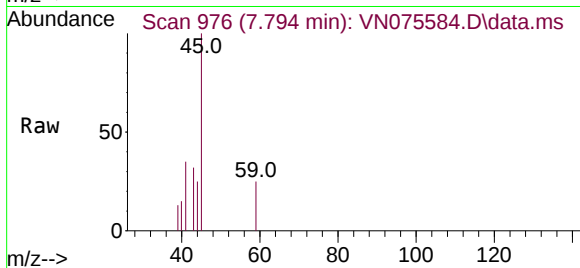




#41
Methacrylonitrile
Concen: 0.473 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

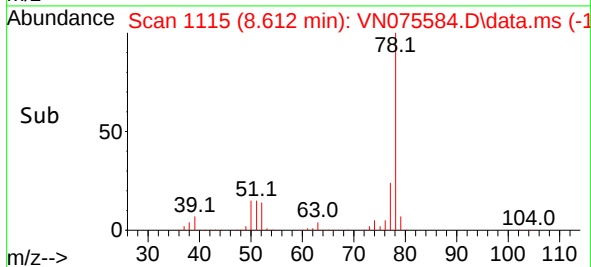
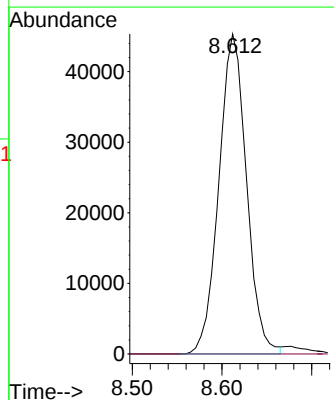
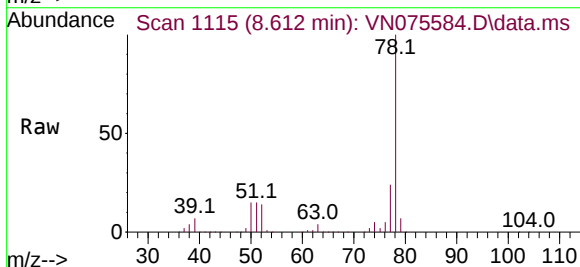
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

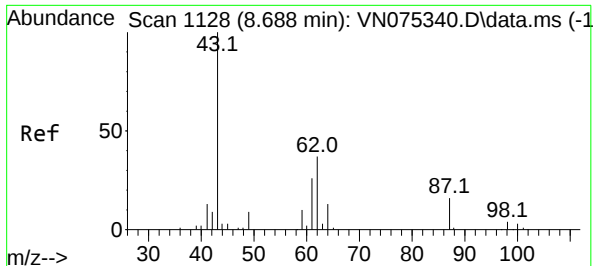
Tgt Ion: 41	Resp: 430
Ion Ratio	Lower Upper
41 100	
39 177.4	44.4 66.6#
67 0.0	69.8 104.6#
52 0.0	27.3 40.9#



#42
1,2-Dichloroethane
Concen: 47.860 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.059 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 62	Resp:	96926	
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2

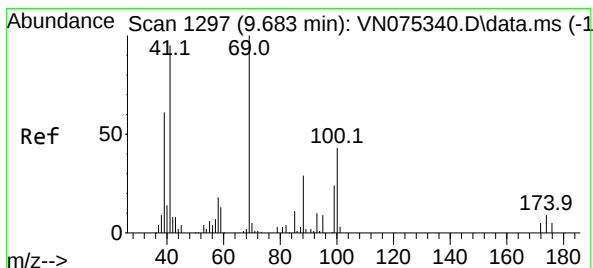
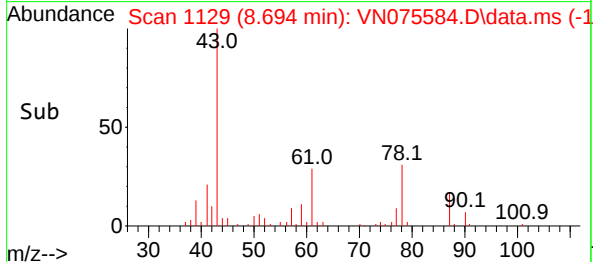
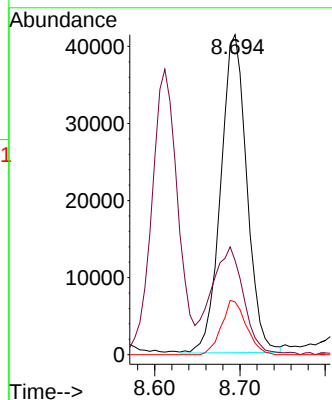
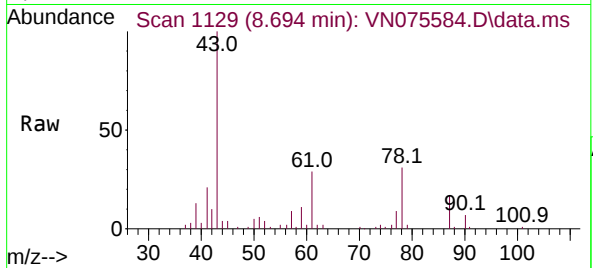




#43
Isopropyl Acetate
Concen: 30.782 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

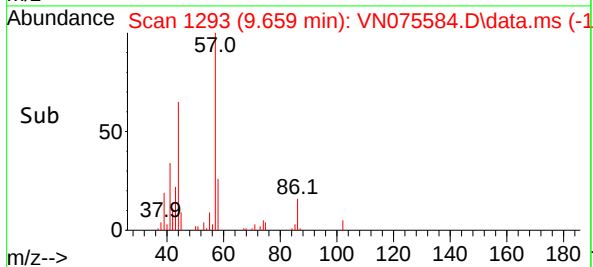
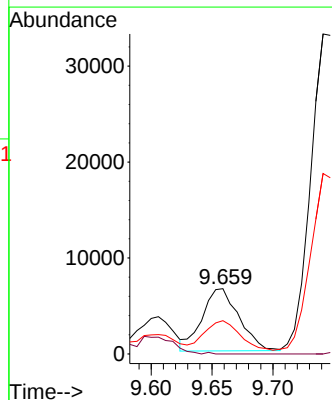
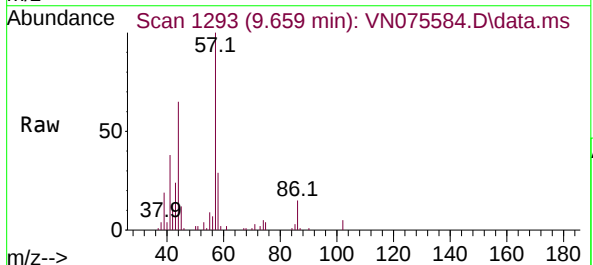
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

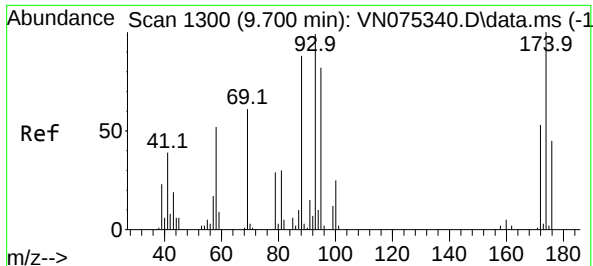
Tgt Ion: 43 Resp: 87868
Ion Ratio Lower Upper
43 100
61 42.4 22.4 33.6#
87 16.2 12.5 18.7



#48
Methyl methacrylate
Concen: 10.404 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. -0.024 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 41 Resp: 13732
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 44.5 56.2 84.2#





#49

1,4-Dioxane

Concen: 6.270 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

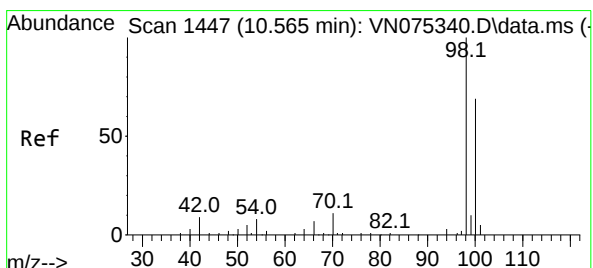
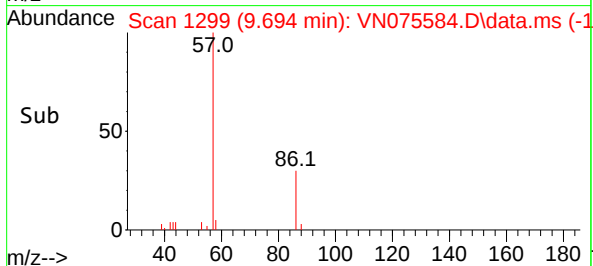
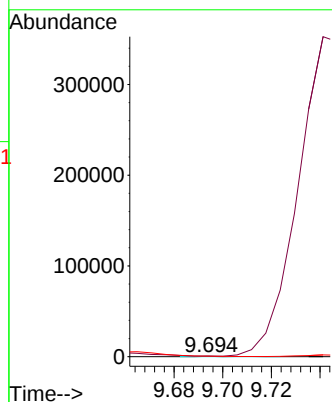
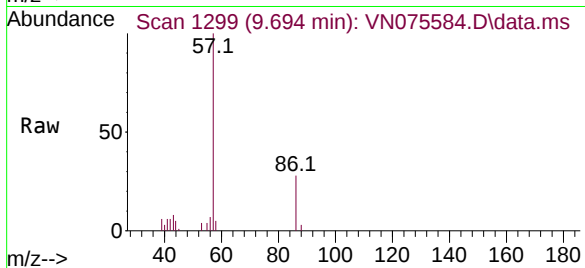
Tgt Ion: 88 Resp: 235

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#



#50

Toluene-d8

Concen: 48.753 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075584.D

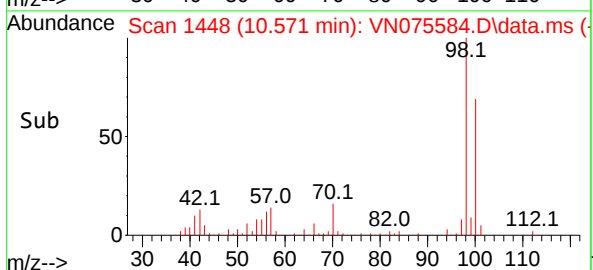
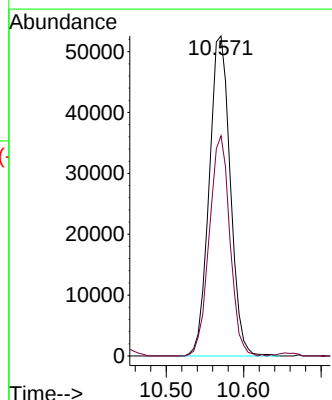
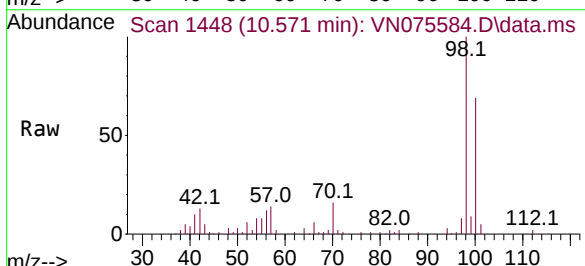
Acq: 06 Dec 2022 15:03

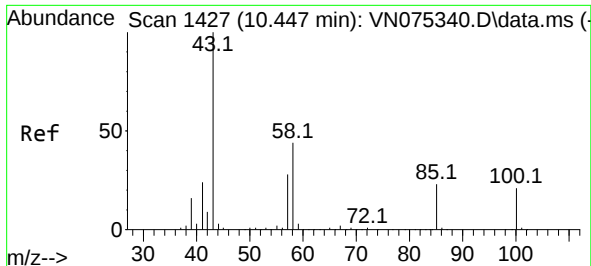
Tgt Ion: 98 Resp: 99445

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 6.133 ug/l

RT: 10.453 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

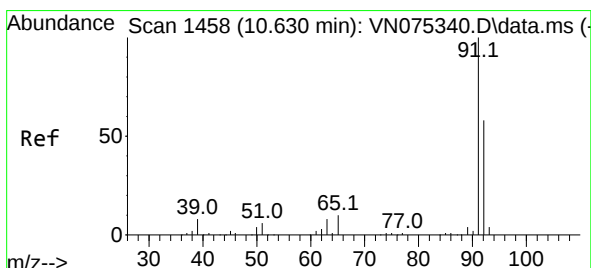
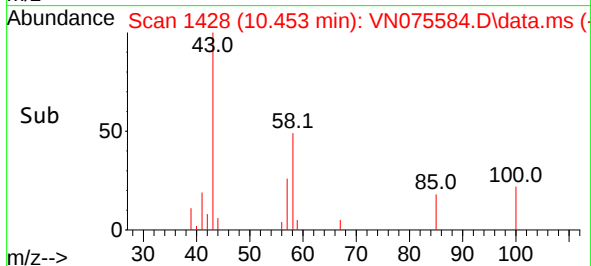
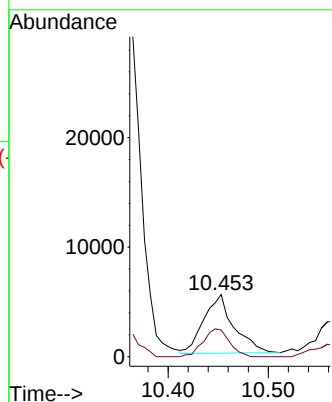
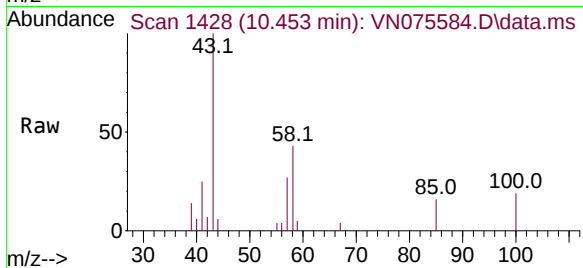
LIN-SIL-12-02

Tgt Ion: 43 Resp: 11150

Ion Ratio Lower Upper

43 100

58 41.3 33.6 50.4



#52

Toluene

Concen: 402.539 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.005 min

Lab File: VN075584.D

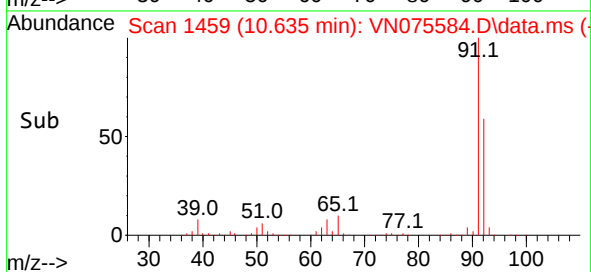
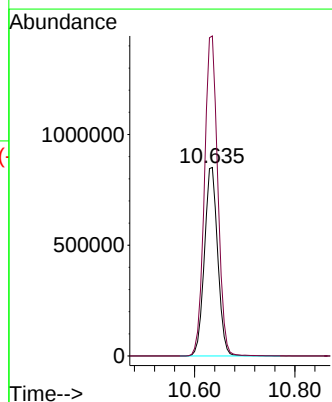
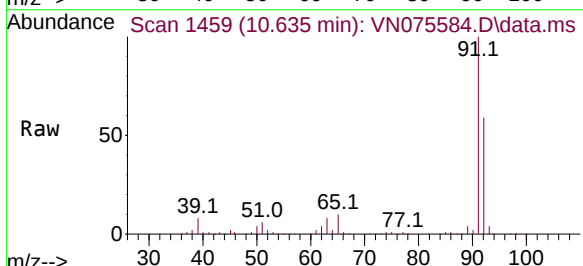
Acq: 06 Dec 2022 15:03

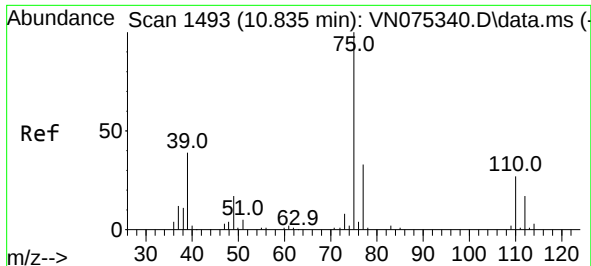
Tgt Ion: 92 Resp: 1568571

Ion Ratio Lower Upper

92 100

91 170.6 135.4 203.2

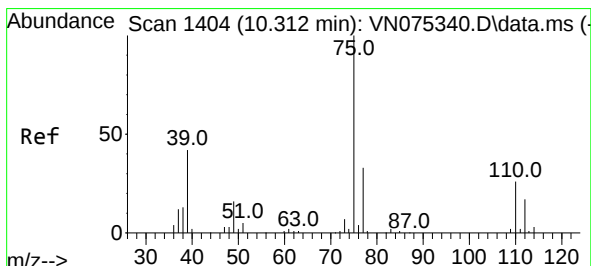
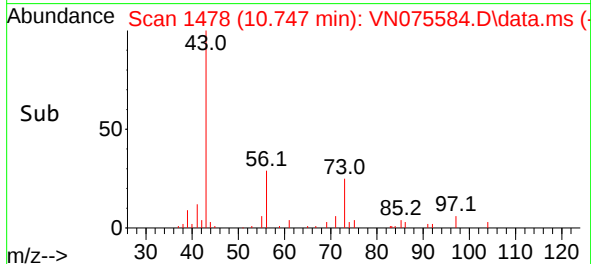
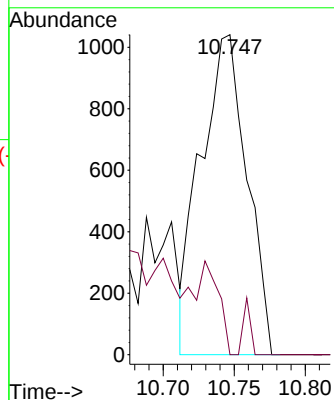
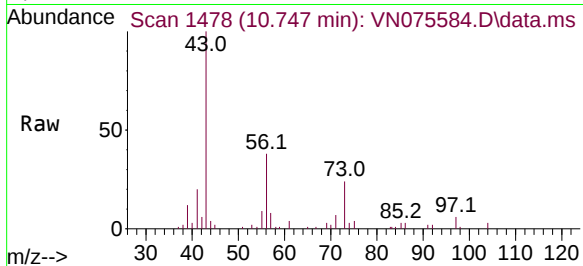




#53
 t-1,3-Dichloropropene
 Concen: 1.111 ug/l
 RT: 10.747 min Scan# 1412
 Delta R.T. -0.088 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

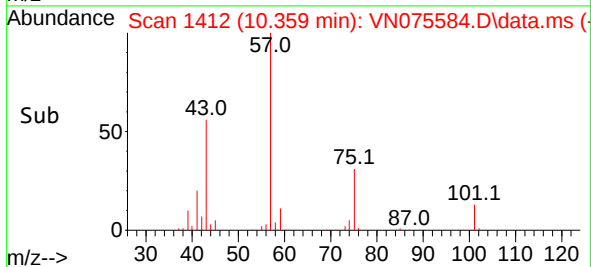
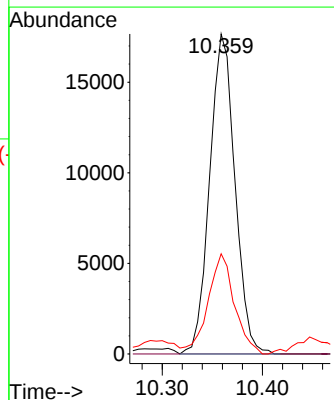
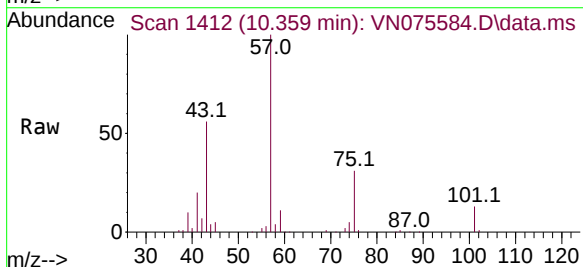
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-SIL-12-02

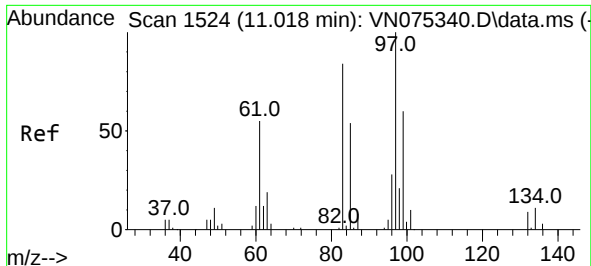
Tgt Ion: 75 Resp: 2355
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 13.448 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075584.D
 Acq: 06 Dec 2022 15:03

Tgt Ion: 75 Resp: 30949
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 29.9 35.8 53.6#

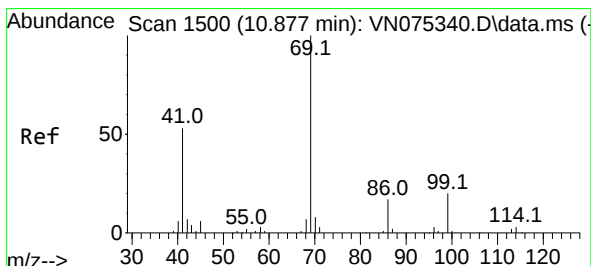
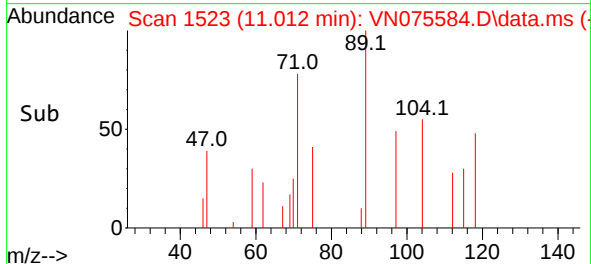
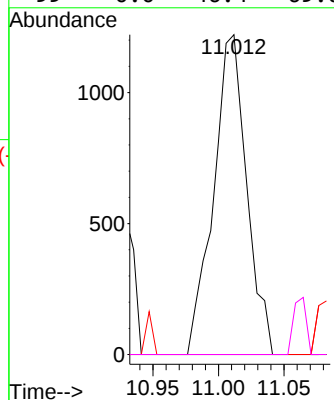
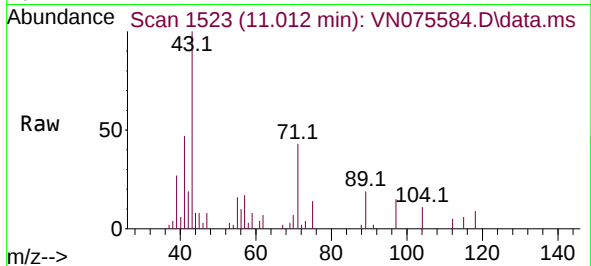




#55
1,1,2-Trichloroethane
Concen: 1.355 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

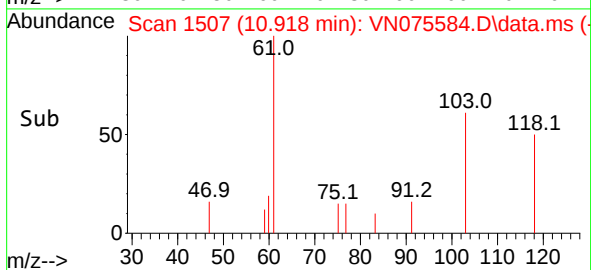
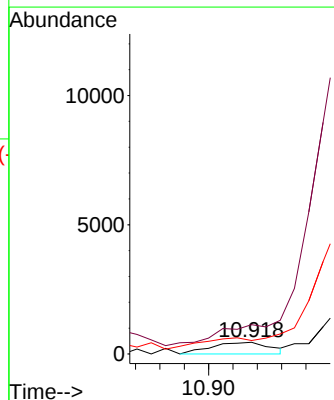
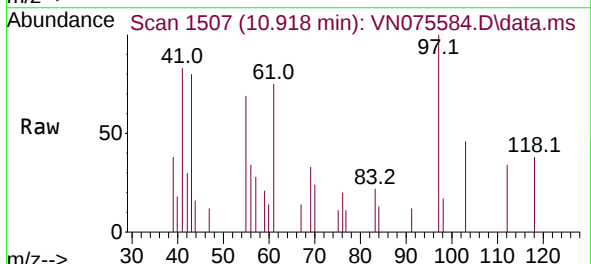
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

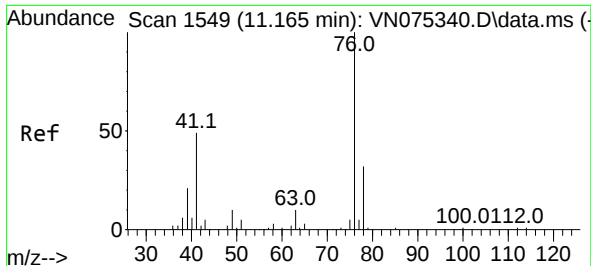
Tgt Ion: 97	Resp:	2150
Ion Ratio	Lower	Upper
97	100	
83	0.0	65.9 98.9#
85	0.0	40.4 60.6#
99	0.0	46.4 69.6#



#56
Ethyl methacrylate
Concen: 0.354 ug/l
RT: 10.918 min Scan# 1507
Delta R.T. 0.041 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 69	Resp:	759
Ion Ratio	Lower	Upper
69	100	
41	0.0	45.6 68.4#
39	0.0	28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.221 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN075584.D

Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

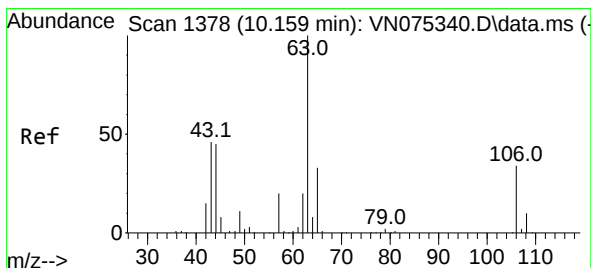
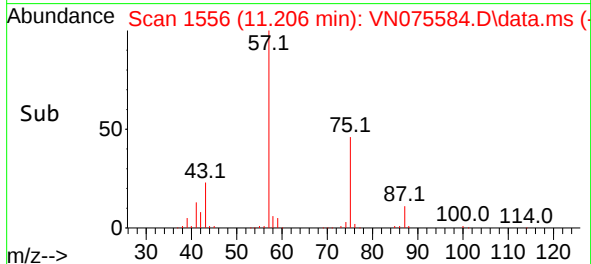
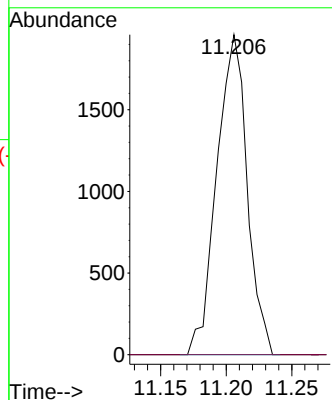
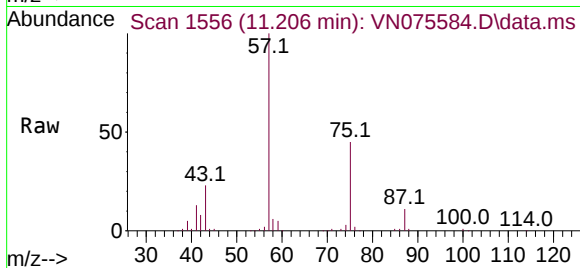
LIN-SIL-12-02

Tgt Ion: 76 Resp: 3159

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 0.894 ug/l

RT: 10.294 min Scan# 1401

Delta R.T. 0.135 min

Lab File: VN075584.D

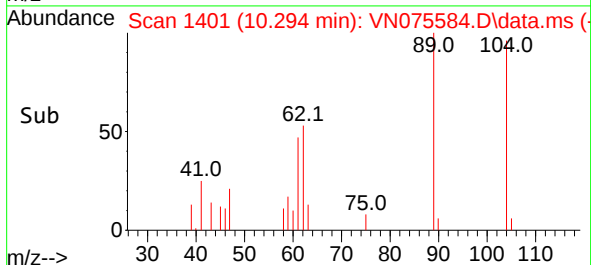
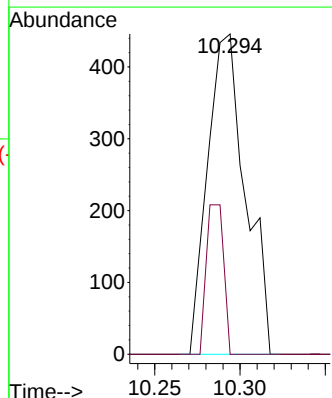
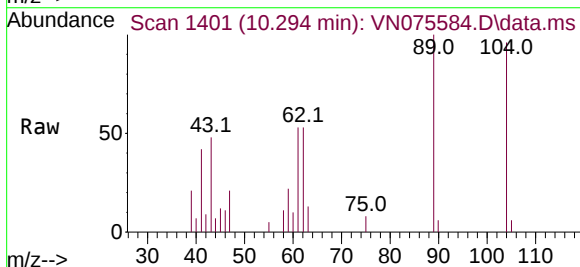
Acq: 06 Dec 2022 15:03

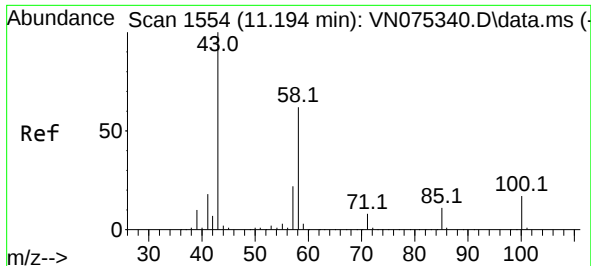
Tgt Ion: 63 Resp: 691

Ion Ratio Lower Upper

63 100

106 21.3 24.8 37.2#

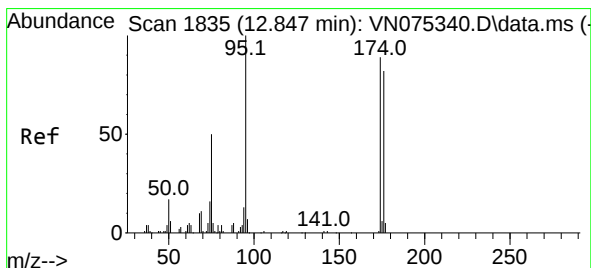
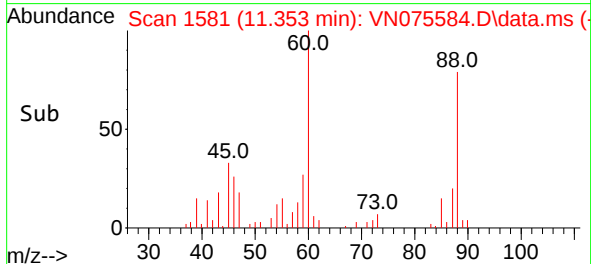
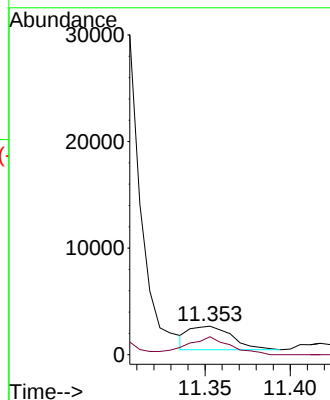
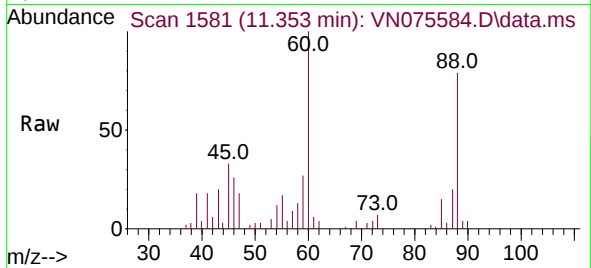




#59
2-Hexanone
Concen: 2.829 ug/l
RT: 11.353 min Scan# 11
Delta R.T. 0.159 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

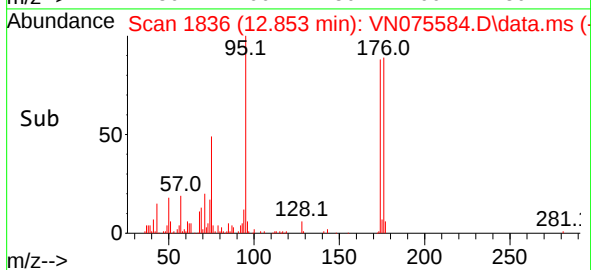
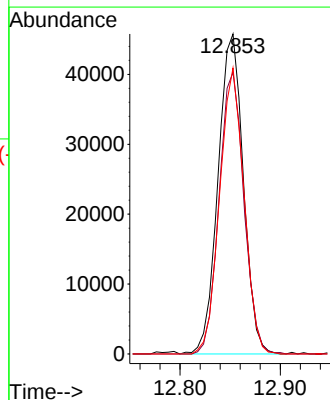
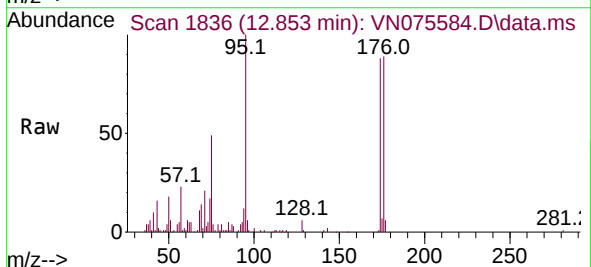
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

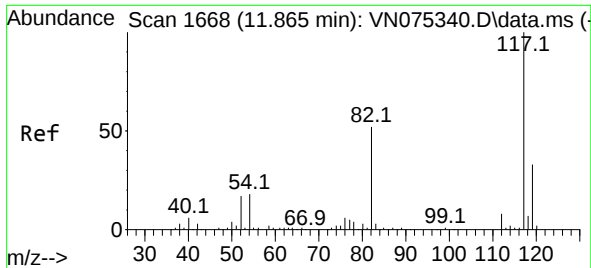
Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 75.4 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 53.195 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 95 Resp: 80089
Ion Ratio Lower Upper
95 100
174 86.2 0.0 147.4
176 85.8 0.0 142.2

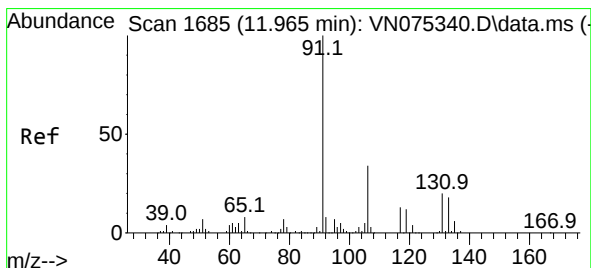
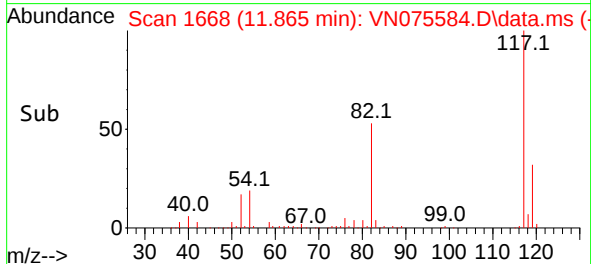
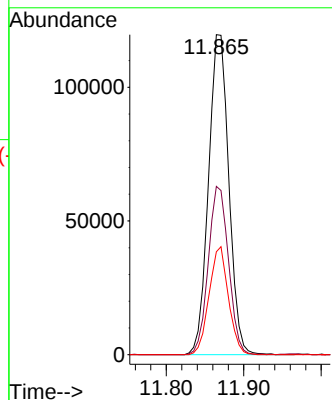
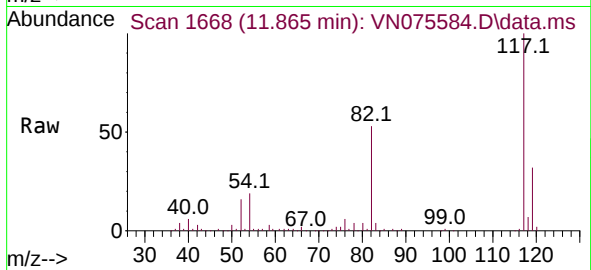




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

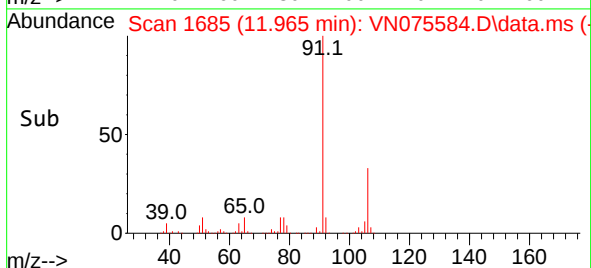
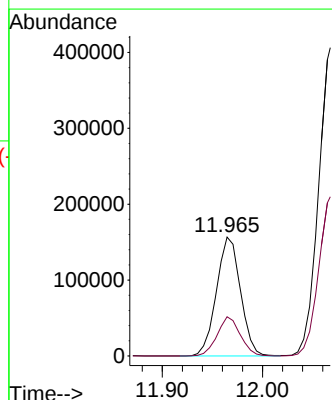
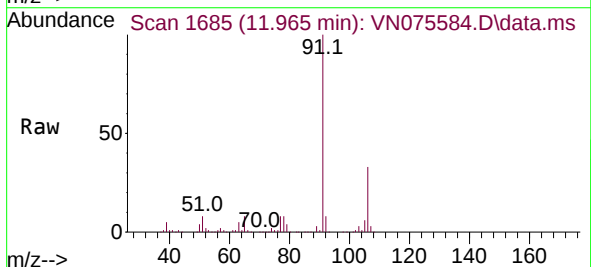
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

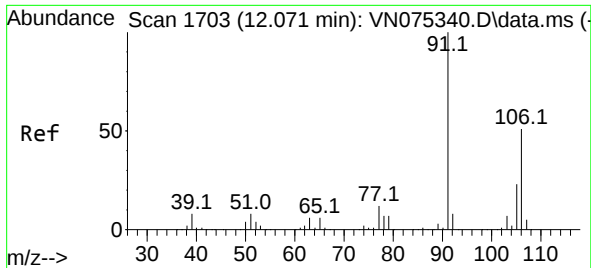
Tgt Ion:117 Resp: 218005
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 33.965 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 91 Resp: 260887
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

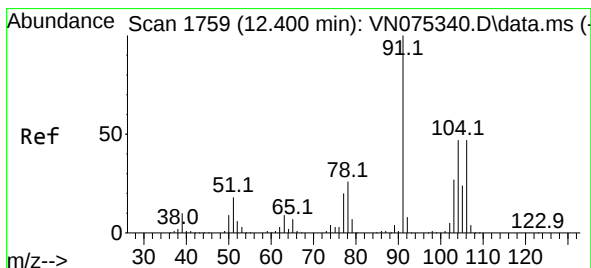
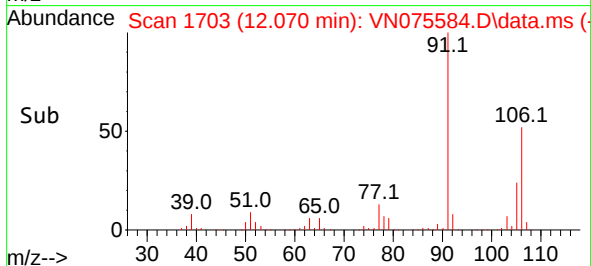
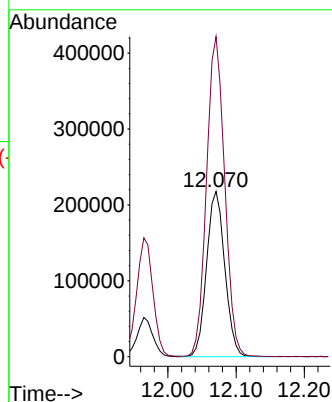
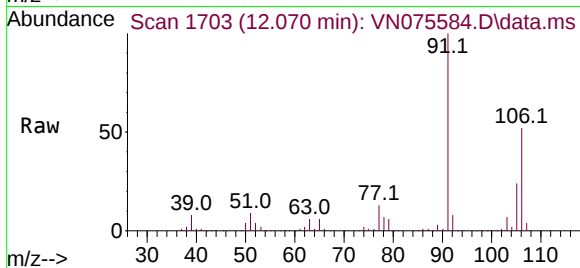




#68
m/p-Xylenes
Concen: 129.679 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

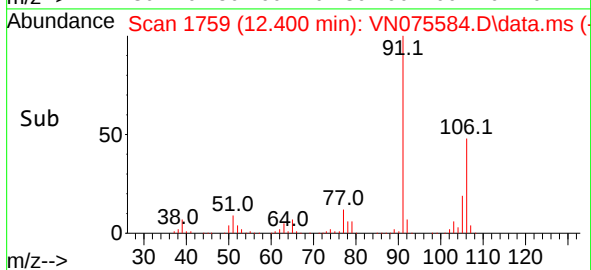
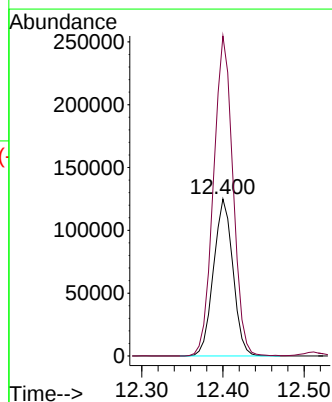
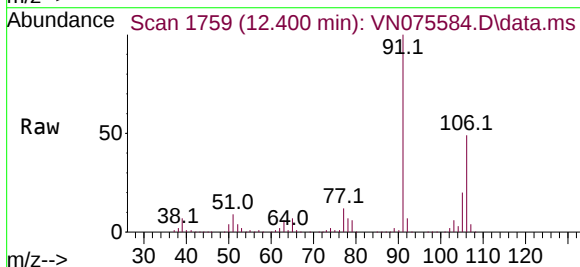
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

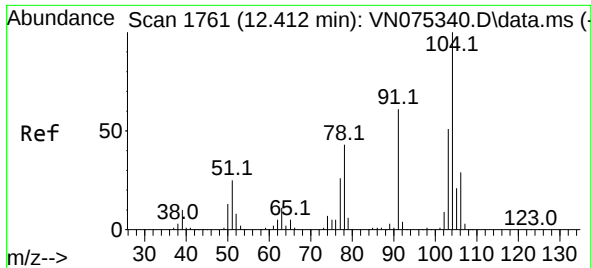
Tgt Ion:106 Resp: 404487
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0



#69
o-Xylene
Concen: 66.972 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:106 Resp: 207553
Ion Ratio Lower Upper
106 100
91 204.5 105.2 315.5

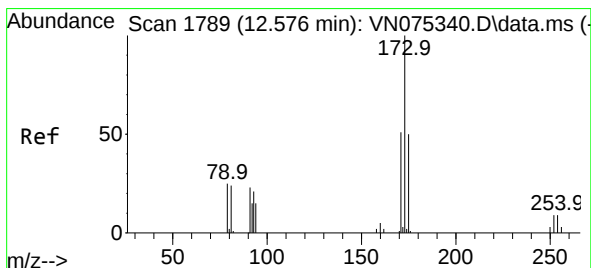
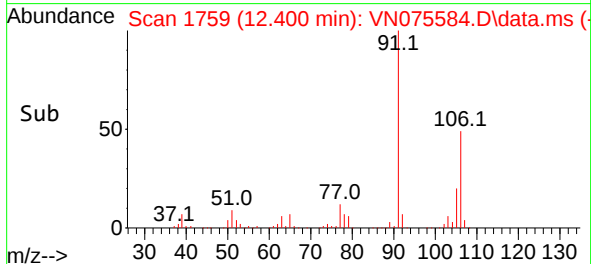
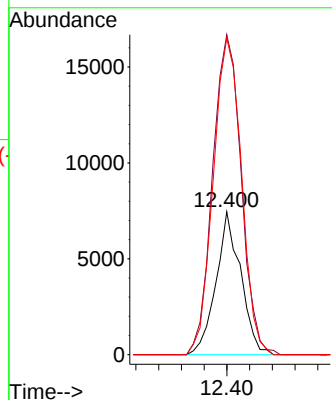
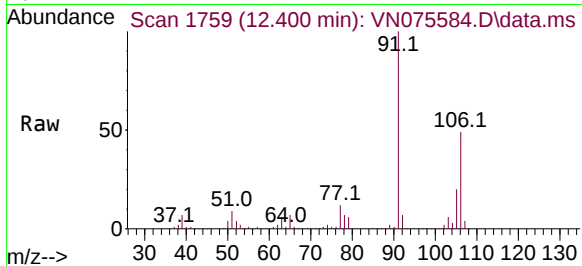




#70
Styrene
Concen: 2.305 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

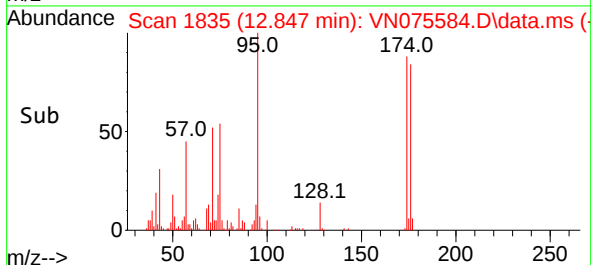
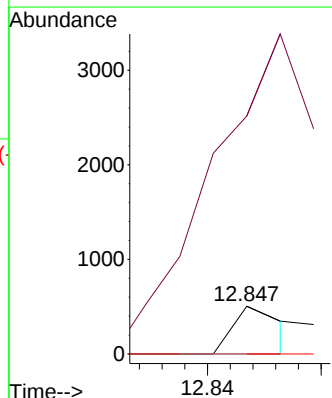
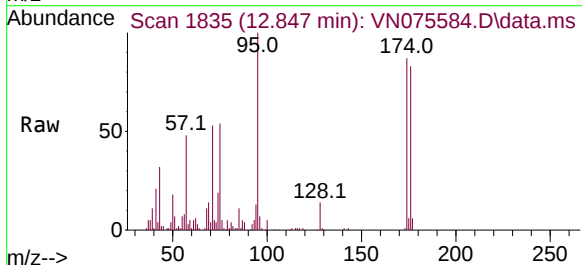
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

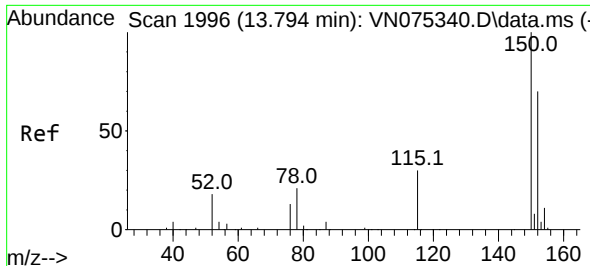
Tgt Ion:104 Resp: 11270
Ion Ratio Lower Upper
104 100
78 257.8 38.1 57.1#
103 252.5 44.6 66.8#



#71
Bromoform
Concen: 0.235 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:173 Resp: 300
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

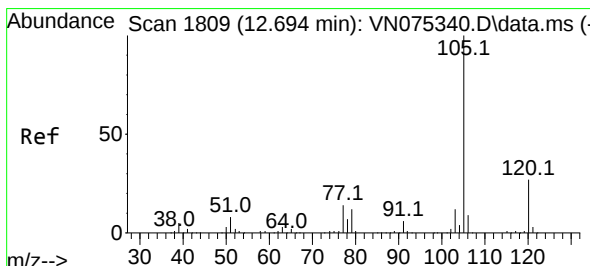
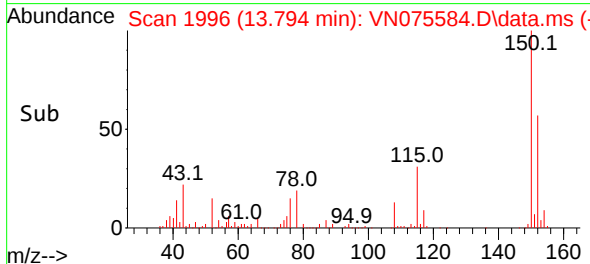
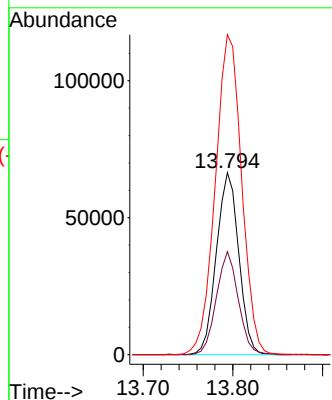
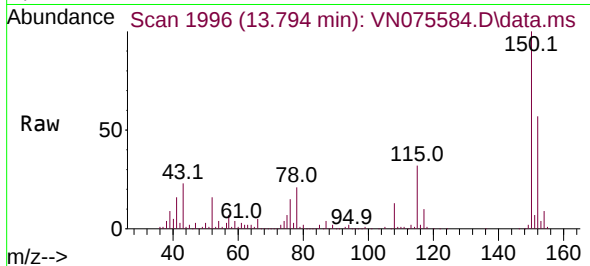




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

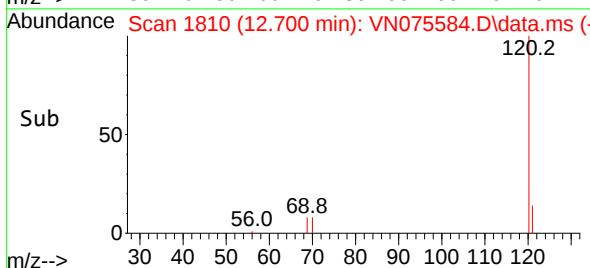
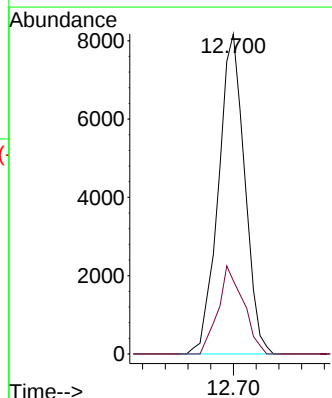
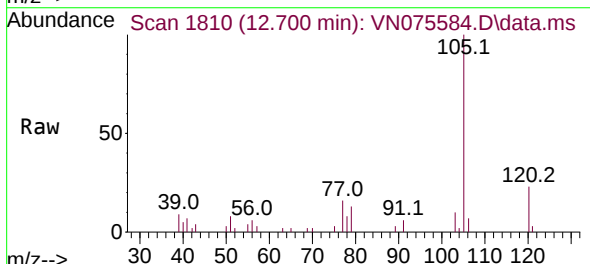
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

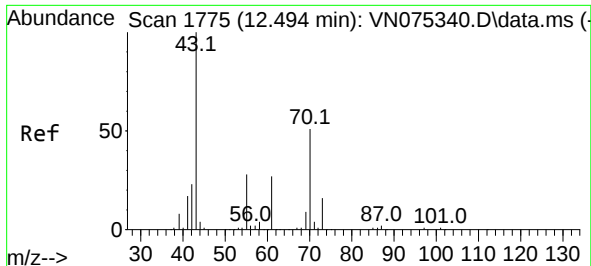
Tgt Ion:152 Resp: 115091
Ion Ratio Lower Upper
152 100
115 55.5 30.2 90.6
150 207.2 0.0 348.4



#73
Isopropylbenzene
Concen: 1.560 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:105 Resp: 13119
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



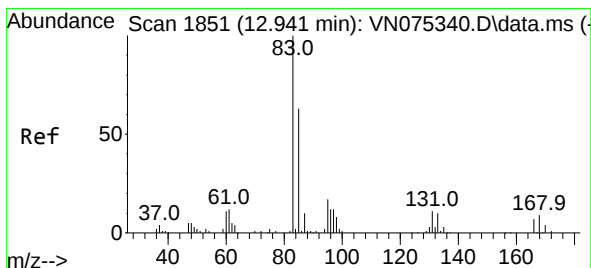
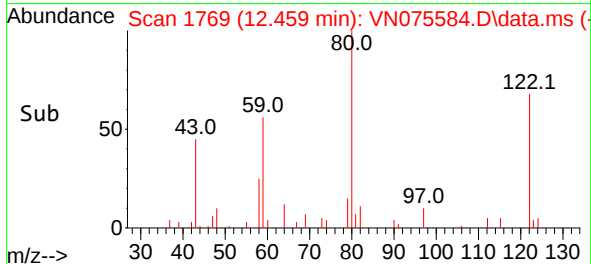
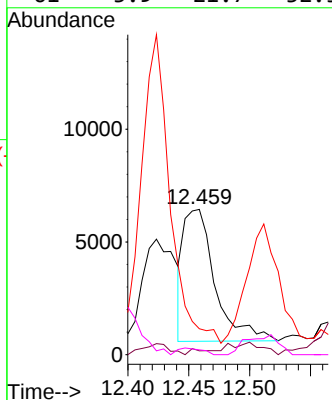
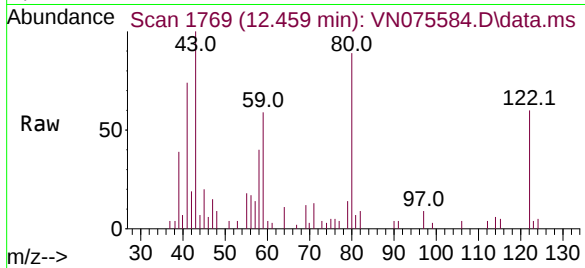


#74
N-amy1 acetate
Concen: 4.068 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

Tgt Ion: 43 Resp: 10515

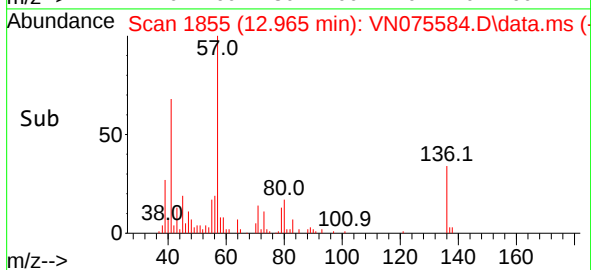
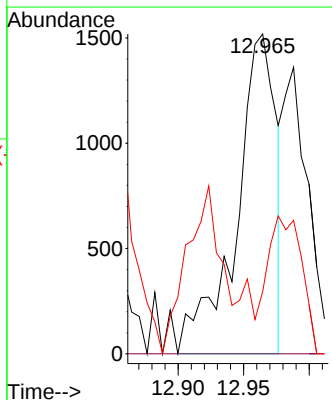
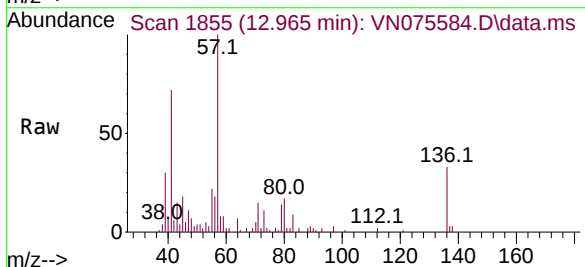
Ion	Ratio	Lower	Upper
43	100		
70	2.1	39.8	59.8#
55	0.0	19.9	29.9#
61	3.9	21.7	32.5#

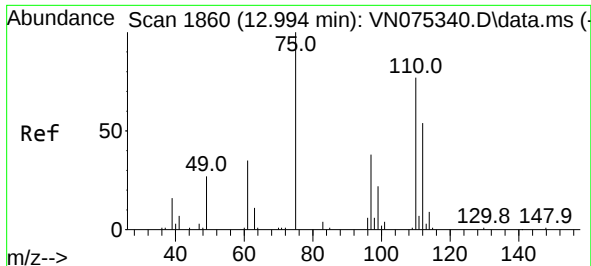


#75
1,1,2,2-Tetrachloroethane
Concen: 1.249 ug/l
RT: 12.965 min Scan# 1855
Delta R.T. 0.024 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 83 Resp: 3202

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	37.3	31.6	94.7

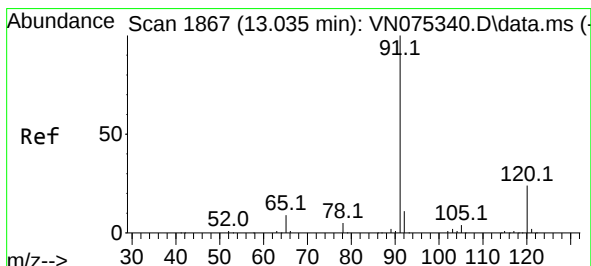
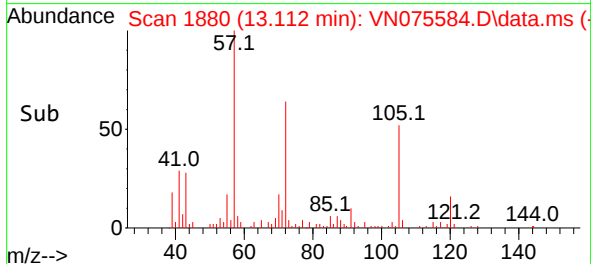
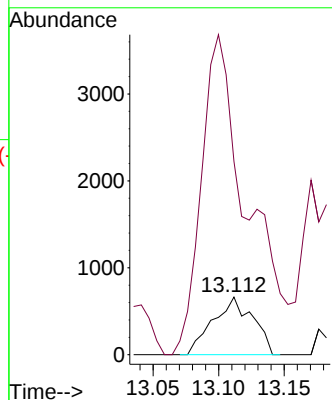
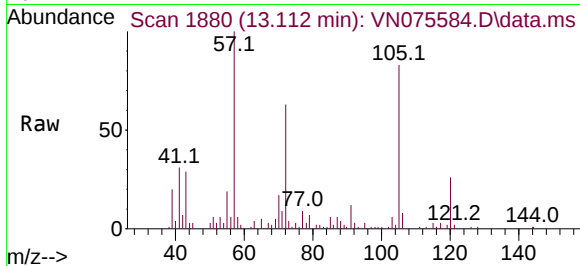




#76
1,2,3-Trichloropropane
Concen: 0.644 ug/l
RT: 13.112 min Scan# 1880
Delta R.T. 0.118 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

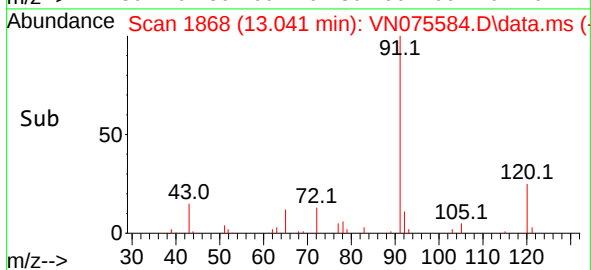
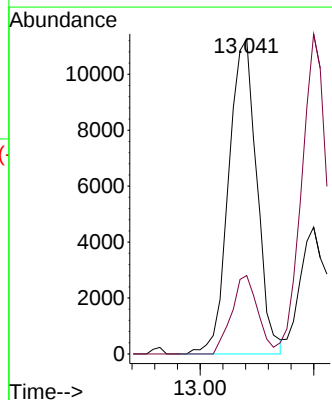
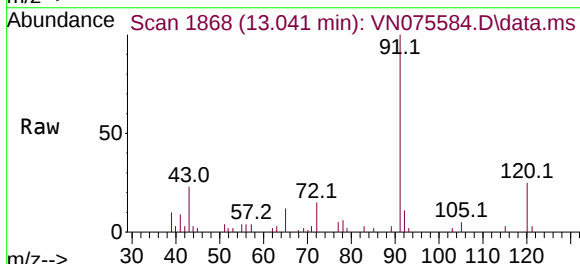
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

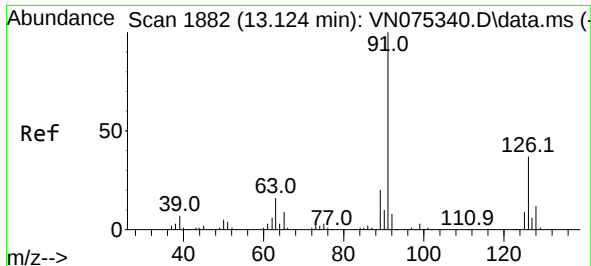
Tgt Ion: 75 Resp: 1401
Ion Ratio Lower Upper
75 100
77 639.8 75.6 226.8#



#78
n-propylbenzene
Concen: 2.066 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 91 Resp: 19388
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

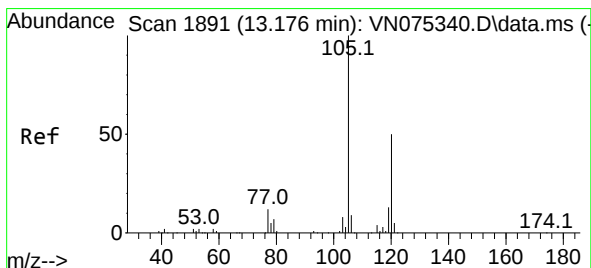
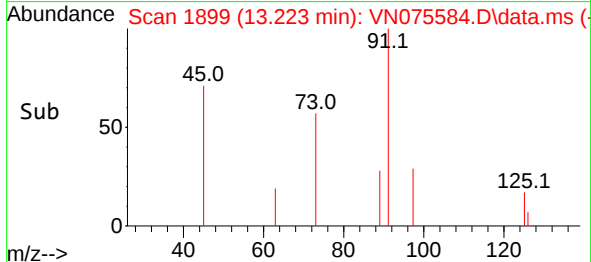
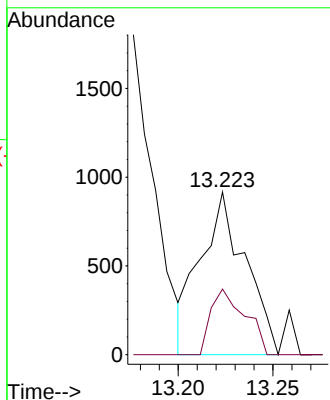
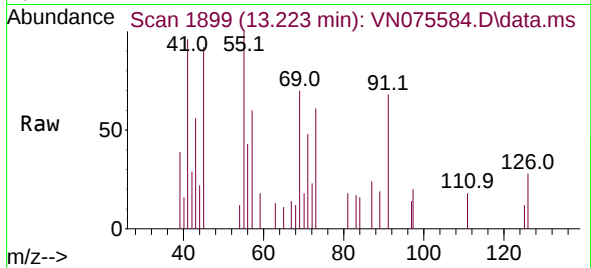




#79
2-Chlorotoluene
Concen: 0.267 ug/l
RT: 13.223 min Scan# 1882
Delta R.T. 0.099 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

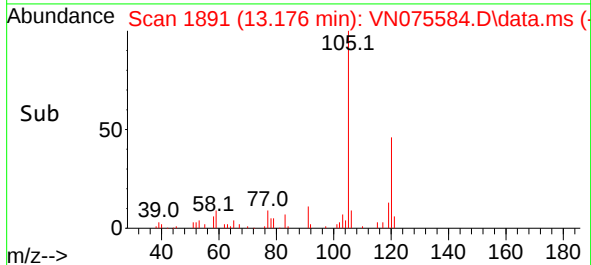
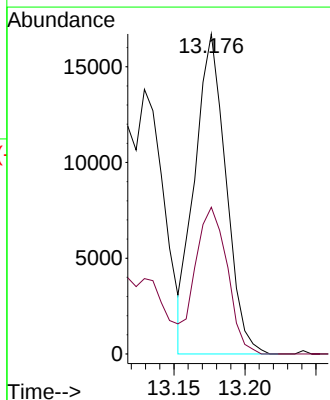
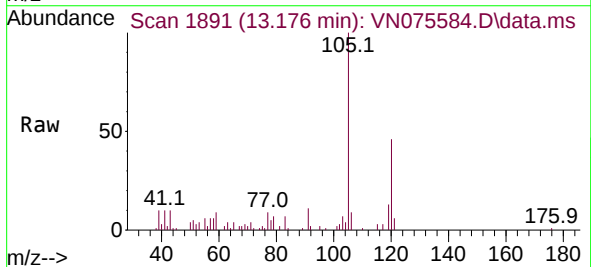
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

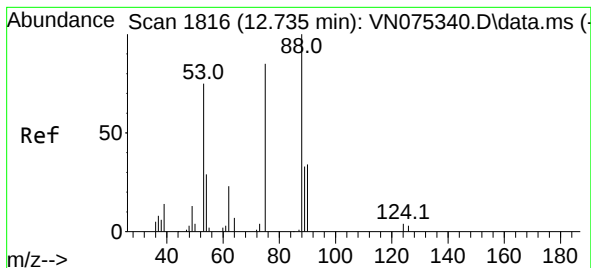
Tgt Ion: 91 Resp: 1512
Ion Ratio Lower Upper
91 100
126 31.0 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 3.655 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 105 Resp: 25531
Ion Ratio Lower Upper
105 100
120 47.1 24.7 74.1

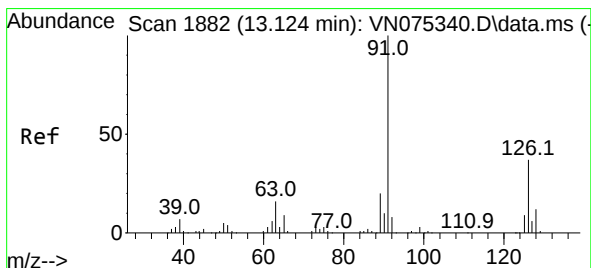
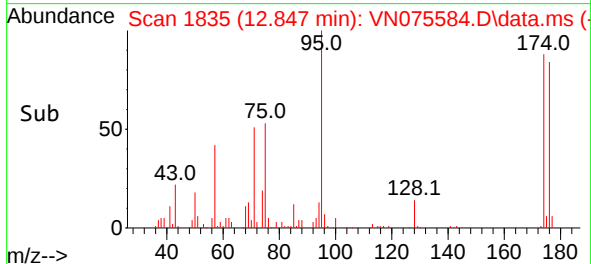
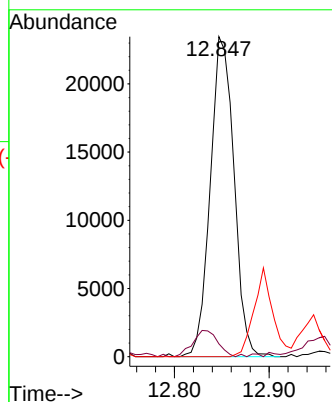
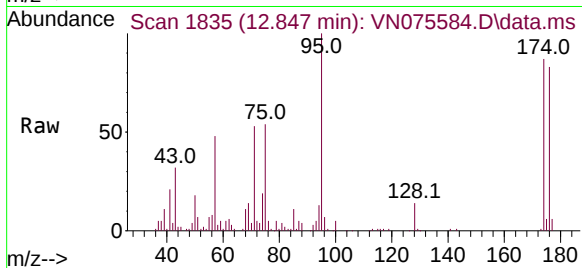




#81
trans-1,4-Dichloro-2-butene
Concen: 55.485 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

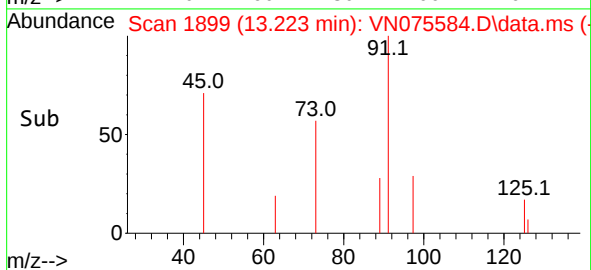
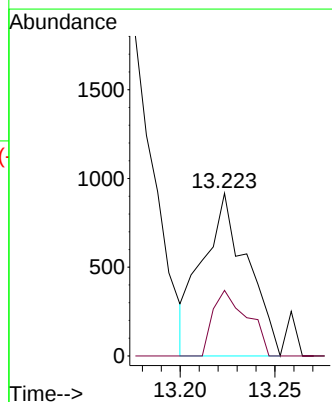
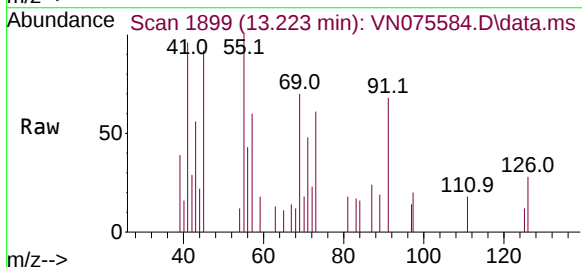
Instrument :
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ClientSampleId :
LIN-SIL-12-02

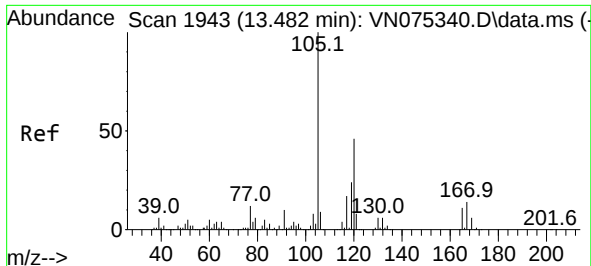
Tgt Ion: 75 Resp: 40807
Ion Ratio Lower Upper
75 100
53 8.6 78.5 117.7#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.267 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.099 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 91 Resp: 1512
Ion Ratio Lower Upper
91 100
126 31.0 16.9 50.7

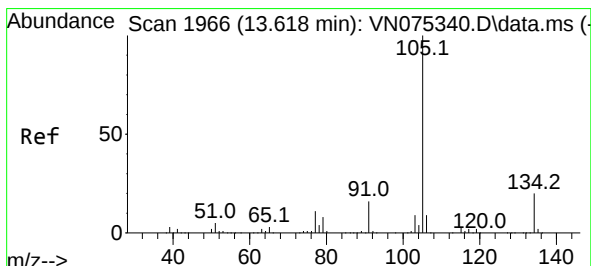
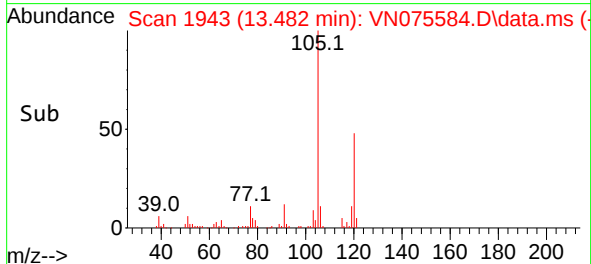
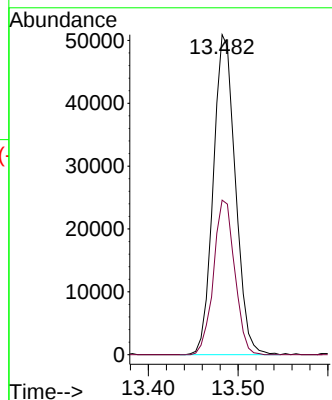
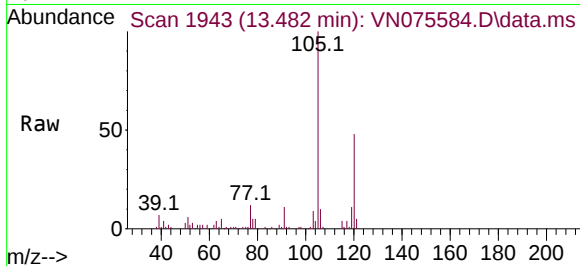




#84
1,2,4-Trimethylbenzene
Concen: 12.417 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

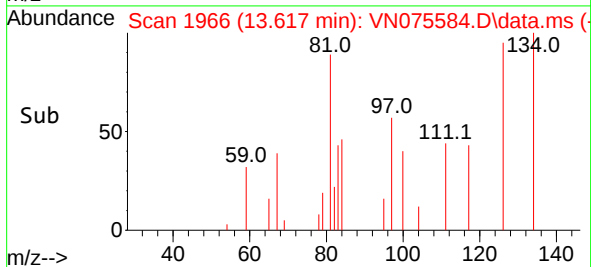
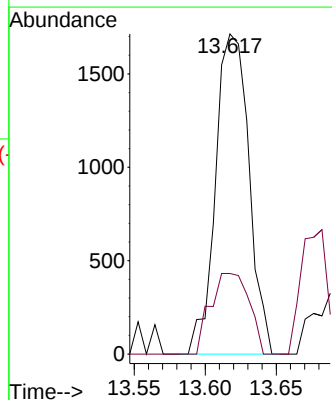
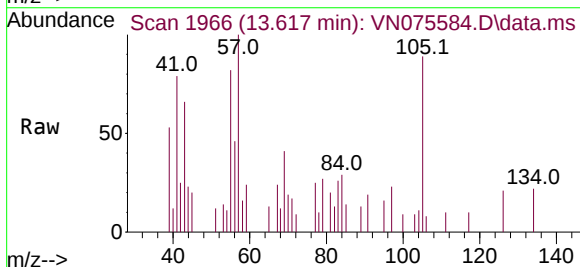
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

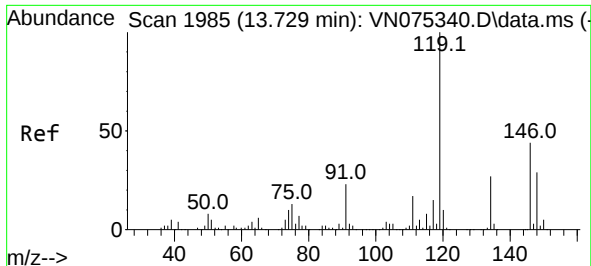
Tgt Ion:105 Resp: 87007
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1



#85
sec-Butylbenzene
Concen: 0.325 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:105 Resp: 2808
Ion Ratio Lower Upper
105 100
134 29.1 10.2 30.6

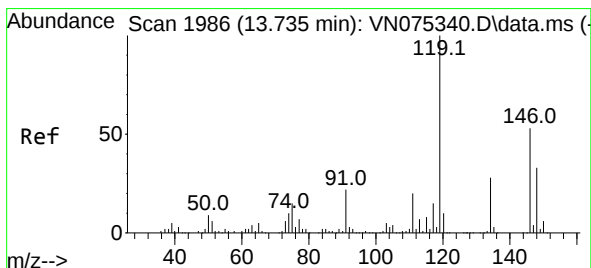
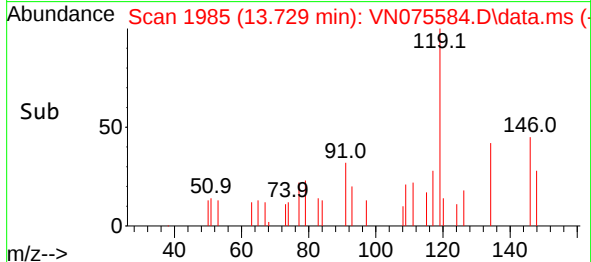
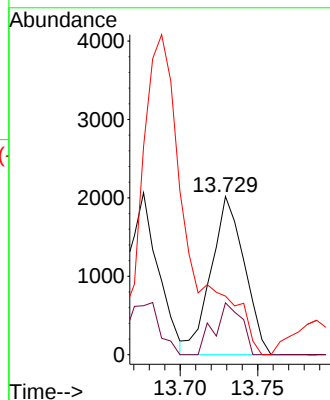
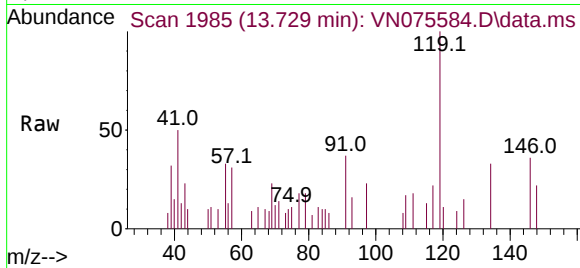




#86
p-Isopropyltoluene
Concen: 0.415 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

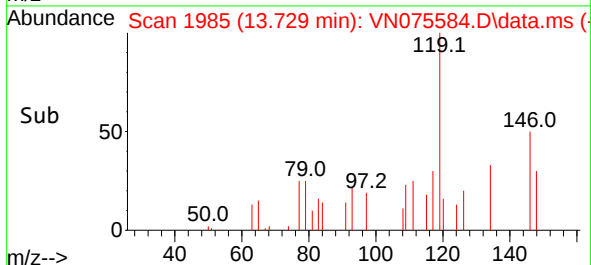
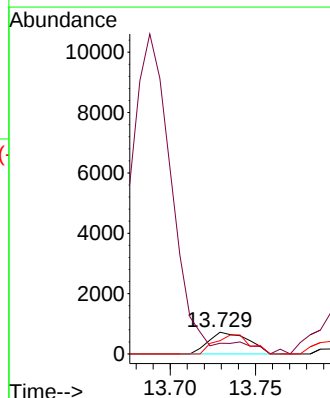
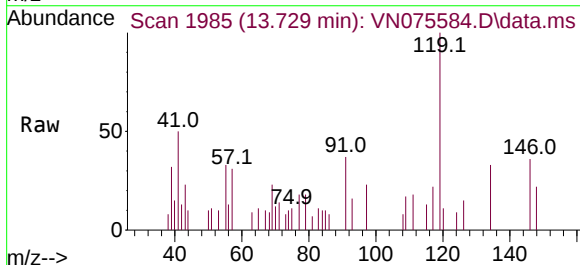
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

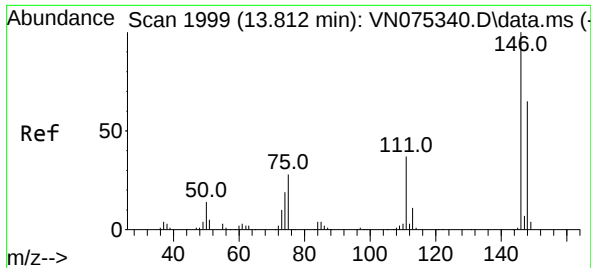
Tgt Ion:119 Resp: 3018
Ion Ratio Lower Upper
119 100
134 26.8 13.1 39.3
91 0.0 11.9 35.5#



#87
1,3-Dichlorobenzene
Concen: 0.296 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:146 Resp: 1166
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.5#
148 78.3 31.1 93.5

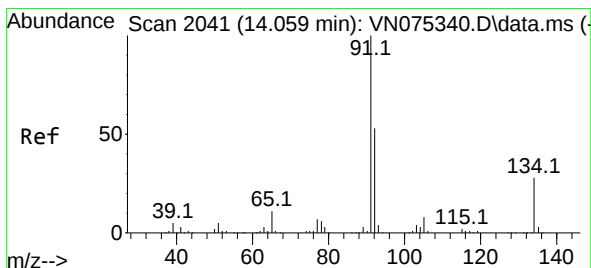
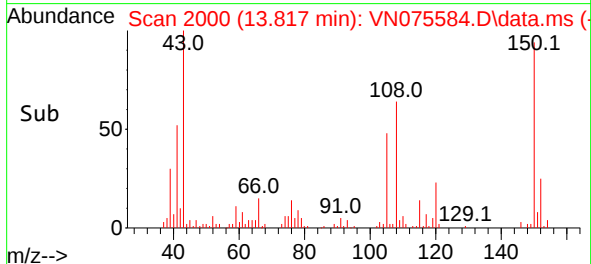
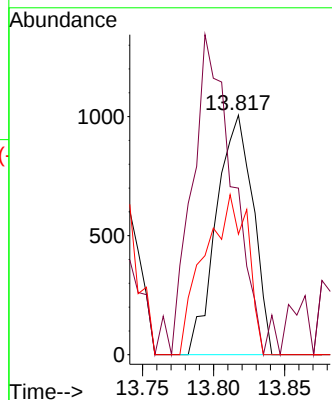
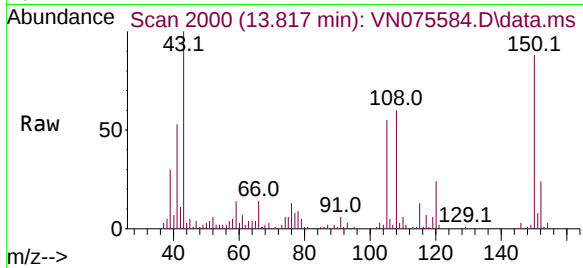




#88
1,4-Dichlorobenzene
Concen: 0.453 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

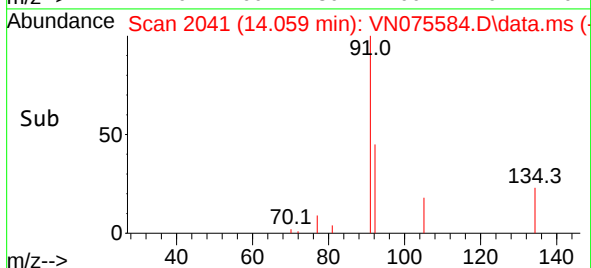
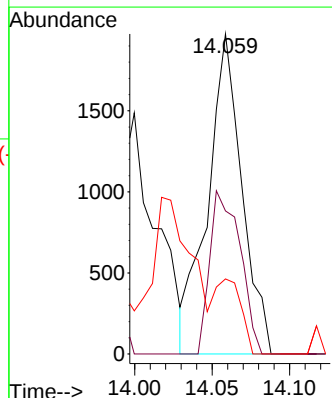
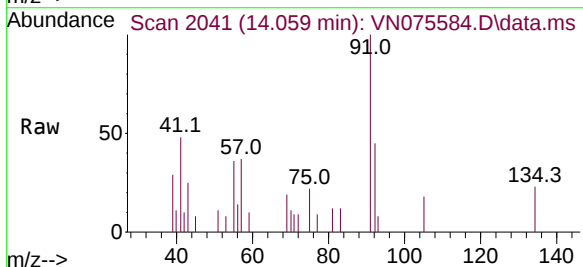
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

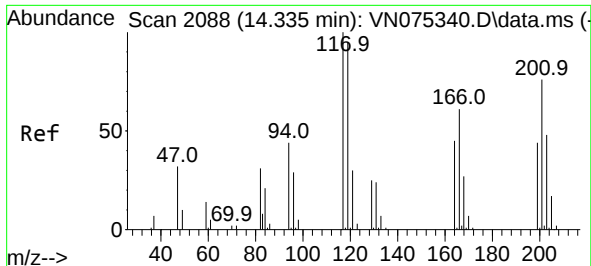
Tgt Ion:146 Resp: 1810
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 78.7 31.9 95.7



#89
n-Butylbenzene
Concen: 0.493 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 91 Resp: 3028
Ion Ratio Lower Upper
91 100
92 45.2 26.5 79.4
134 0.0 13.0 39.0#

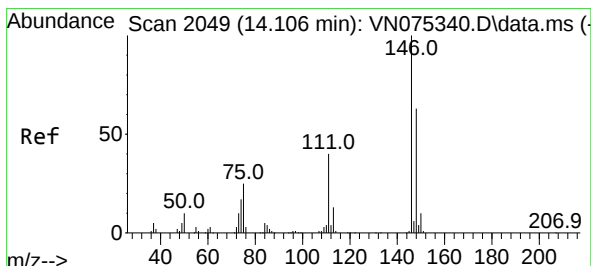
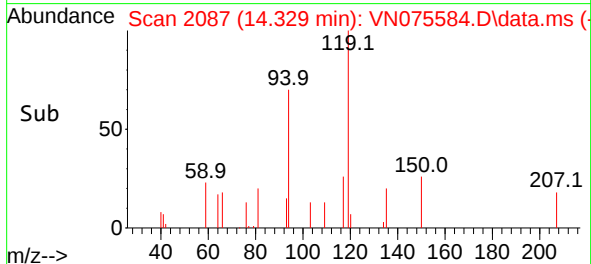
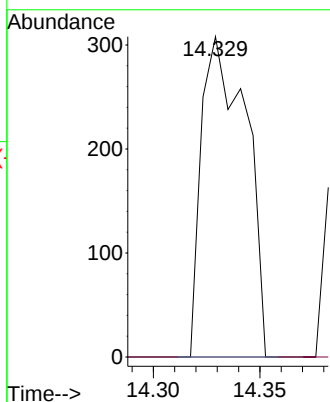
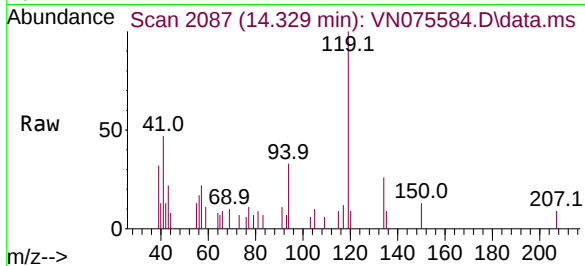




#90
Hexachloroethane
Concen: 0.356 ug/l
RT: 14.329 min Scan# 2088
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

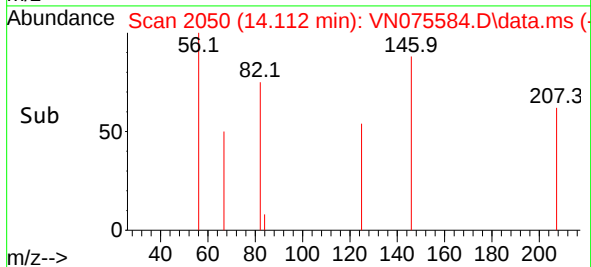
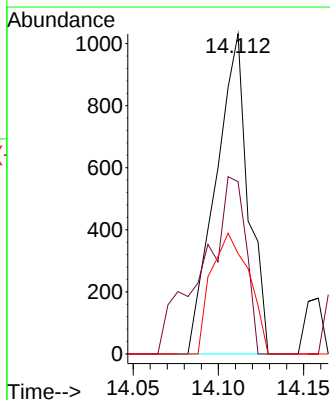
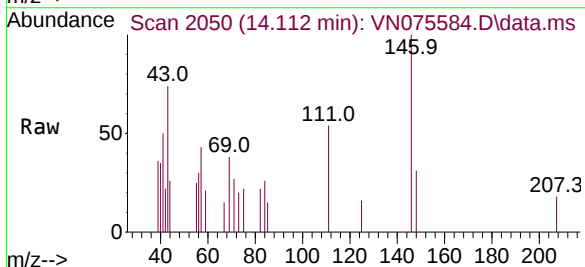
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

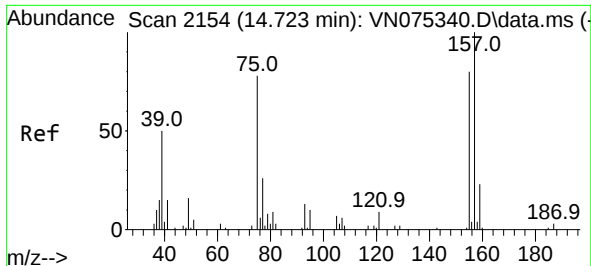
Tgt Ion:117 Resp: 447
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#91
1,2-Dichlorobenzene
Concen: 0.358 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:146 Resp: 1371
Ion Ratio Lower Upper
146 100
111 73.7 21.3 63.9#
148 43.9 31.4 94.2

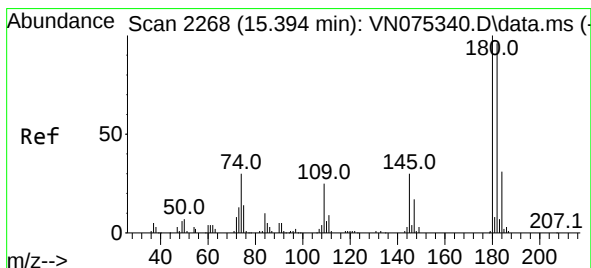
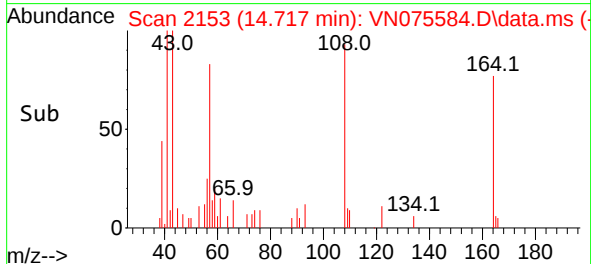
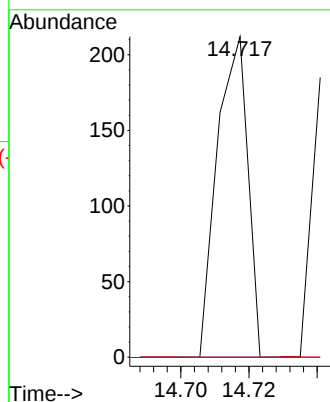
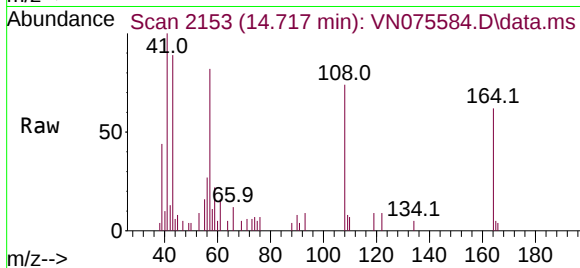




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.272 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

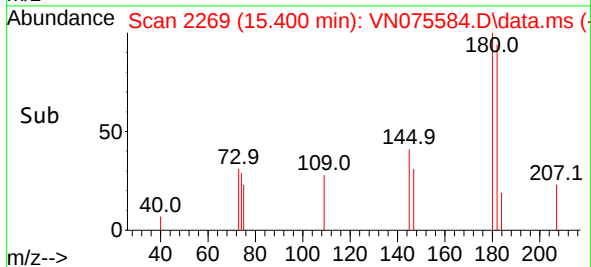
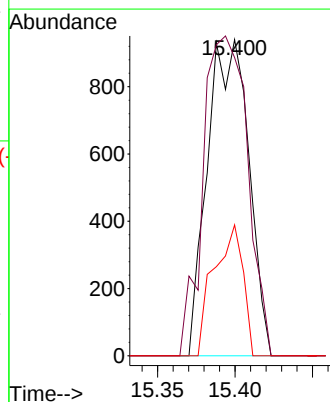
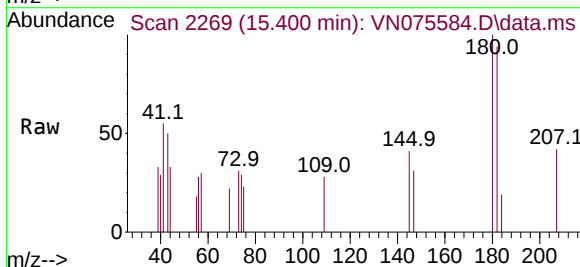
Instrument :
MSVOA_N
ClientSampleId :
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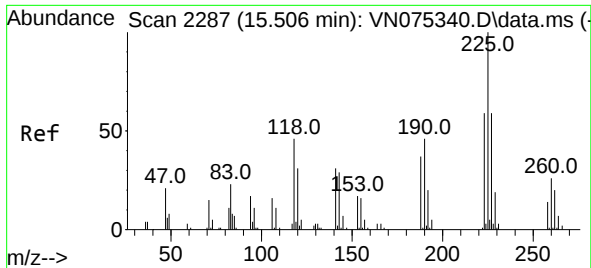
Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#



#93
1,2,4-Trichlorobenzene
Concen: 0.885 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion: 180 Resp: 1738
Ion Ratio Lower Upper
180 100
182 109.0 47.8 143.4
145 29.2 16.8 50.3

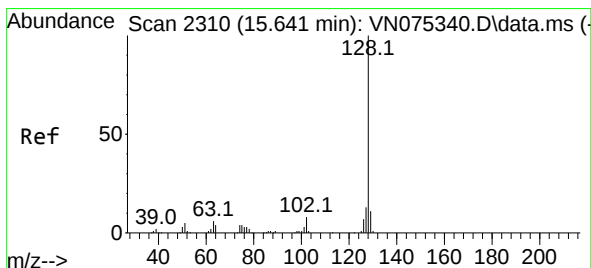
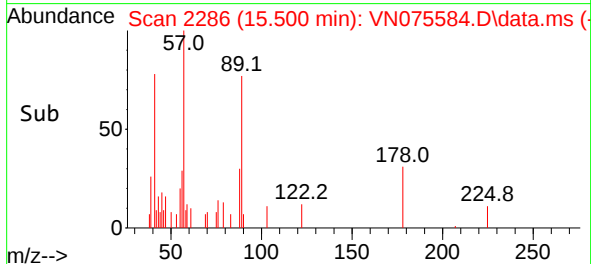
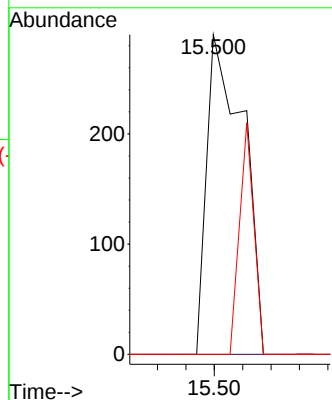
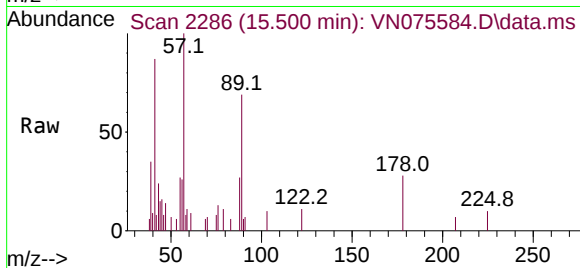




#94
Hexachlorobutadiene
Concen: 0.251 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

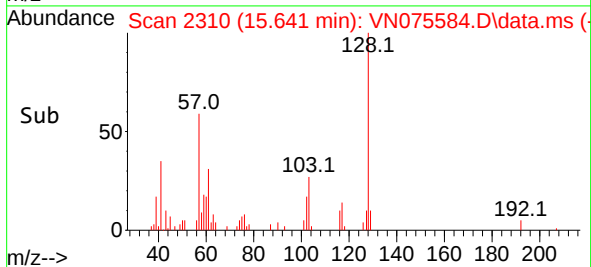
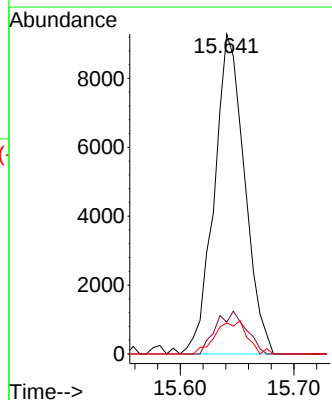
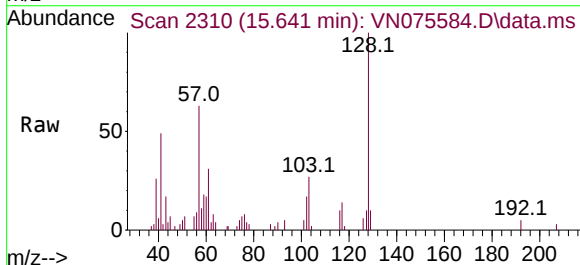
Instrument :
MSVOA_N
ClientSampleId :
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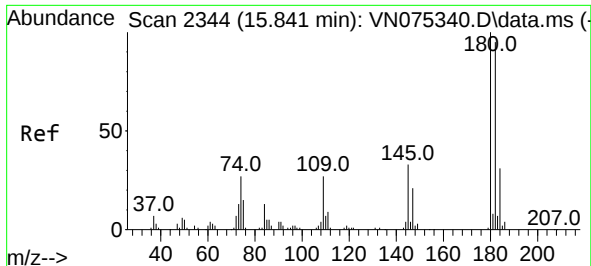
Tgt Ion:225	Resp:	257
Ion Ratio	Lower	Upper
225	100	
223	0.0	32.3 96.9#
227	28.8	32.0 96.2#



#95
Naphthalene
Concen: 2.791 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075584.D
Acq: 06 Dec 2022 15:03

Tgt Ion:128	Resp:	17250
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.4 15.6
129	10.8	8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 1.055 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075584.D

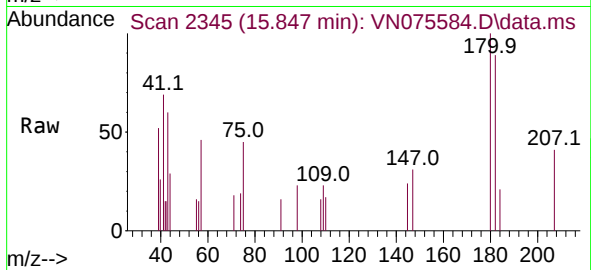
Acq: 06 Dec 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02



Tgt Ion:180 Resp: 2037

Ion Ratio Lower Upper

180 100

182 135.2 47.3 141.8

145 31.3 17.6 52.9

