

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL035997.D
 Acq On : 24 Nov 2020 16:29
 Operator : SY/AP
 Sample : VL1124ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Manual Integrations
 APPROVED

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 11/27/2020 1:14:53 PM

Quant Time: Nov 25 00:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1419399	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	5198003	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	5076503m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3889116	10.78	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	2048391	7.665	ppbv	99
3) Chlorodifluoromethane	2.97	51	1459927	8.589	ppbv	100
4) Chloromethane	3.11	50	740627	8.969	ppbv	99
5) Vinyl Chloride	3.23	62	898652	8.537	ppbv	100
6) Bromomethane	3.45	94	748010	8.836	ppbv	98
7) Chloroethane	3.53	64	341410	9.216	ppbv	98
8) Dichlorotetrafluoroethane	3.16	85	2611077	8.538	ppbv	93
9) Propene	2.99	41	556808	8.950	ppbv	99
10) Heptane	8.10	43	1597956	9.299	ppbv	99
11) Trichlorofluoromethane	3.93	101	2927699	8.725	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	2186007	8.750	ppbv	97
13) Ethanol	3.58	45	103540	7.671	ppbv	98
14) Bromoethene	3.72	108	978072	8.507	ppbv	99
15) Acetone	3.83	43	1295684	8.538	ppbv	100
16) 1,3-Butadiene	3.30	39	593065	9.078	ppbv	99
17) tert-Butyl alcohol	4.27	59	1748438	8.694	ppbv	99
18) 1,1-Dichloroethene	4.26	96	1032036	8.997	ppbv	96
19) Isopropyl Alcohol	3.94	45	829824	8.899	ppbv	100
20) Methylene Chloride	4.32	84	831154	7.781	ppbv	98
21) Allyl Chloride	4.39	41	773083	9.421	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	1051764	9.045	ppbv	99
23) Vinyl Acetate	5.05	43	1791043	8.420	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1773478	8.751	ppbv	99
25) Ethyl Acetate	5.65	43	2688274	8.993	ppbv	99
26) Hexane	5.66	57	1415885	8.588	ppbv	97
27) Carbon Disulfide	4.52	76	2320289	9.393	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	2421074	8.178	ppbv	99
29) Chloroform	5.73	83	2739787	8.455	ppbv	98
30) Cyclohexane	7.11	84	1467453	8.172	ppbv	95
31) cis-1,2-Dichloroethene	5.53	61	1505472	8.876	ppbv	95
32) 1,1,1-Trichloroethane	6.49	97	2627811	7.771	ppbv	98
34) 2-Butanone	5.22	43	1723253	10.215	ppbv	98
35) Carbon Tetrachloride	7.00	117	2600036	9.362	ppbv	97
36) Benzene	6.87	78	3505192	9.070	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1726999	9.865	ppbv	99
38) Trichloroethene	7.81	130	1580833	8.375	ppbv	96
39) 1,2-Dichloropropane	7.59	63	1245048	9.570	ppbv	98
40) 1,4-Dioxane	7.81	88	539907	8.756	ppbv	82
41) Tetrahydrofuran	6.02	42	1012340	10.563	ppbv	98
42) Bromodichloromethane	7.77	83	2890237	9.784	ppbv	100
43) Methyl Methacrylate	7.99	69	1454903	9.871	ppbv	96

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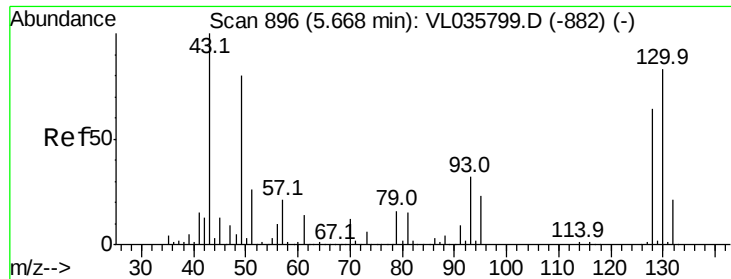
Manual Integrations
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Quant Time: Nov 25 00:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	4868634	9.521	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	1563810	10.008	ppbv	100
46) cis-1,3-Dichloropropene	8.68	75	1944992	9.829	ppbv	97
47) 1,1,2-Trichloroethane	9.45	97	1619665	9.136	ppbv	99
48) Dibromochloromethane	10.28	129	2612817	9.647	ppbv	99
49) Bromoform	13.02	173	2193373	9.598	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	2681570	10.395	ppbv	99
51) 2-Hexanone	10.11	43	2222279	10.724	ppbv	99
52) Tetrachloroethene	11.20	164	1454373	7.944	ppbv	98
53) Toluene	9.78	91	4215679	9.041	ppbv	100
54) 1,2-Dibromoethane	10.59	107	2469632	9.160	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	2025254	8.889	ppbv	97
57) Chlorobenzene	12.12	112	3402333	8.429	ppbv	99
58) Ethyl Benzene	12.69	91	5446164	8.809	ppbv	99
59) m/p-Xylene	12.97	91	9293461m	17.766	ppbv	
60) o-Xylene	13.67	91	4562727	8.966	ppbv	99
61) Styrene	13.51	104	3434551	9.212	ppbv	99
62) Isopropylbenzene	14.65	105	6732701	8.418	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	3362620	8.528	ppbv	99
64) n-propylbenzene	15.54	120	2005568	8.675	ppbv	97
65) tert-Butylbenzene	16.73	119	6071460	8.340	ppbv	98
66) Benzyl Chloride	16.97	91	2334748	9.703	ppbv	98
67) sec-Butylbenzene	17.27	105	8185044	8.343	ppbv	99
69) p-Isopropyltoluene	17.64	119	6790417	8.387	ppbv	99
70) n-Butylbenzene	18.53	91	6882354	8.827	ppbv	99
71) 2-Chlorotoluene	15.43	91	5151073	8.805	ppbv	98
72) 4-Ethyltoluene	15.82	105	5404287	8.757	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4968834	8.797	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	5249533	8.674	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	3228633	8.379	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	3153334	8.483	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	3080562	8.201	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1551016	8.849	ppbv	100
79) Naphthalene	22.18	128	3940392	9.340	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	754541	10.975	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1947984	8.265	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035997.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 49 Resp: 1419399

Ion Ratio Lower Upper

49 100

128 78.6 41.5 124.6

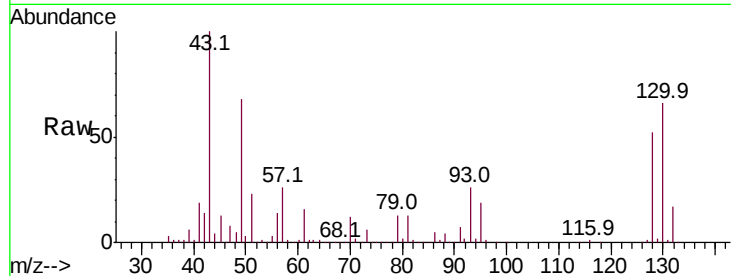
130 101.2 53.7 161.1

Manual Integrations

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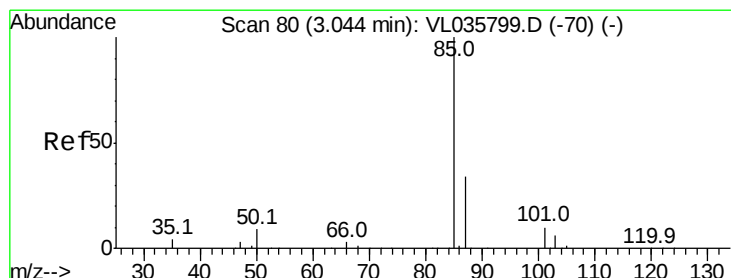
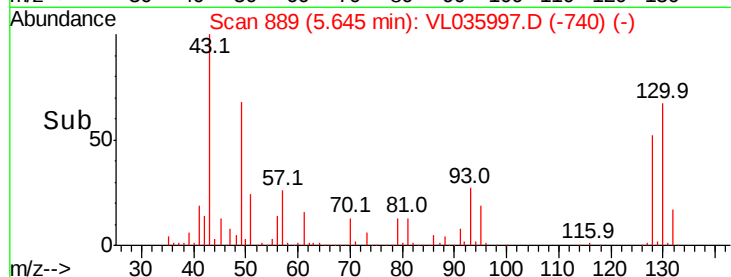
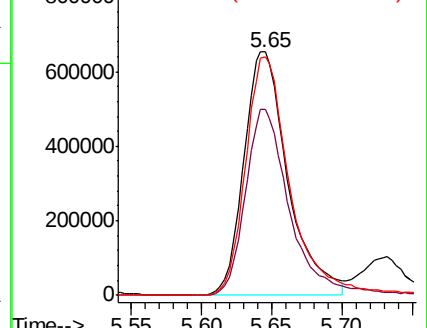
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.665 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL035997.D

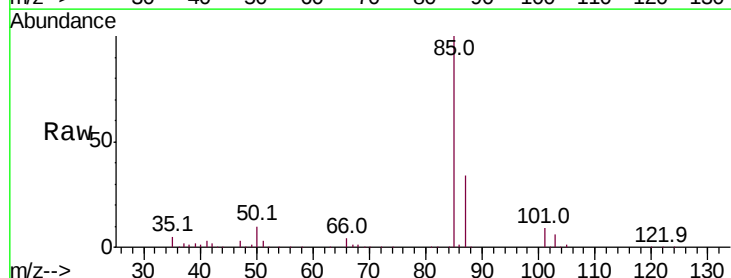
Acq: 24 Nov 2020 16:29

Tgt Ion: 85 Resp: 2048391

Ion Ratio Lower Upper

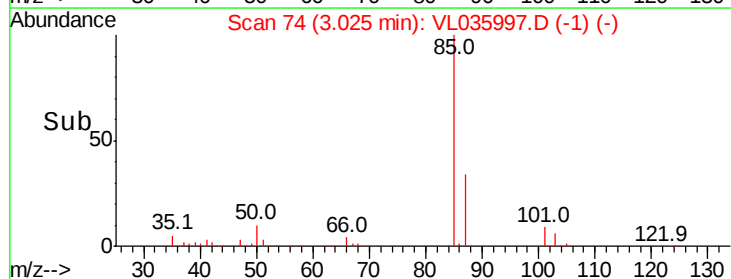
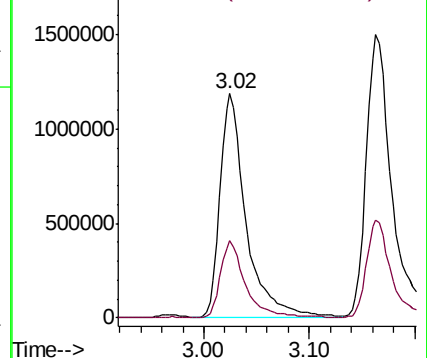
85 100

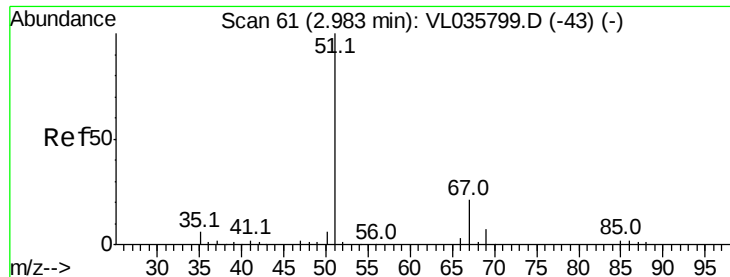
87 34.4 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





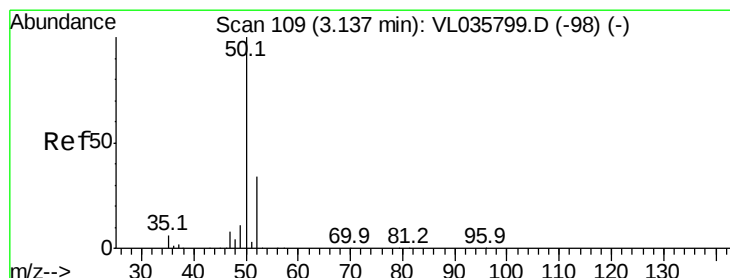
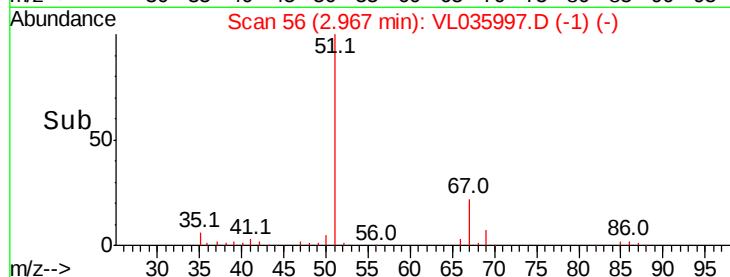
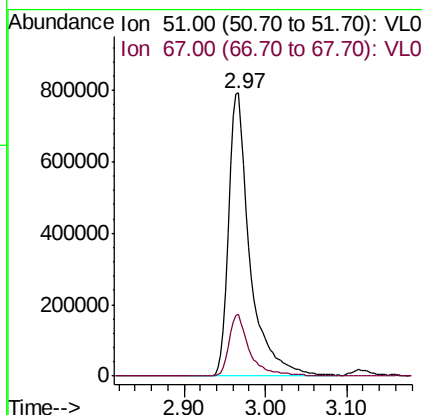
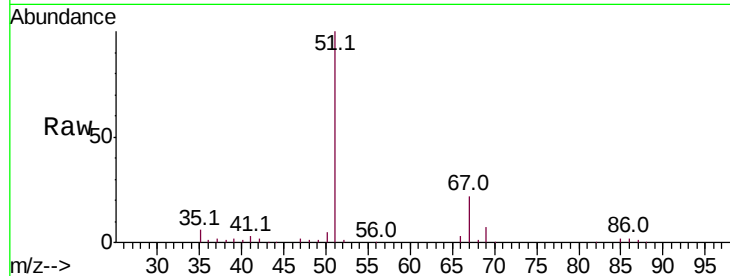
#3
Chlorodifluoromethane
Concen: 8.589 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 51 Resp: 1459927
Ion Ratio Lower Upper
51 100
67 21.2 17.0 25.4

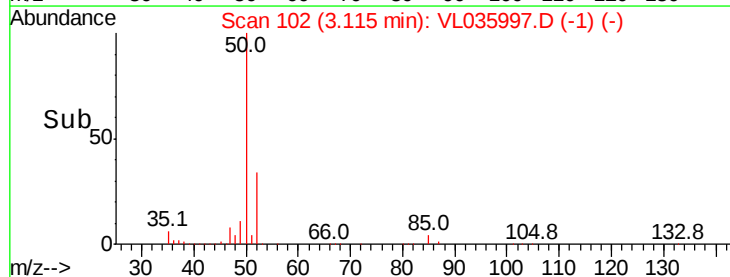
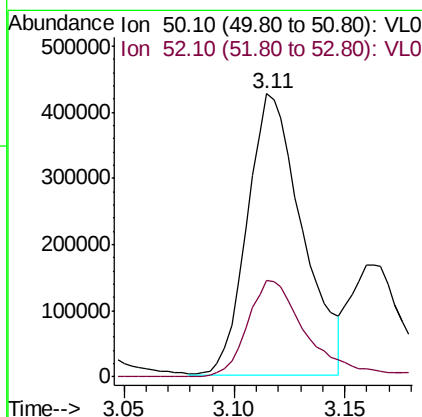
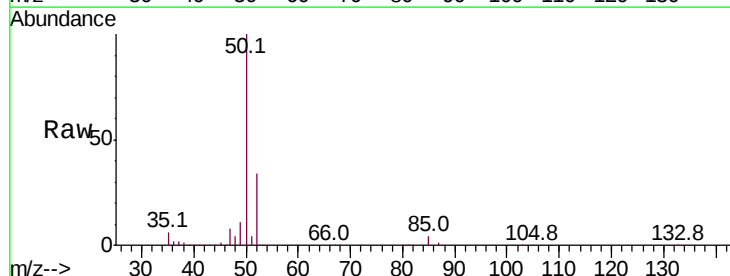
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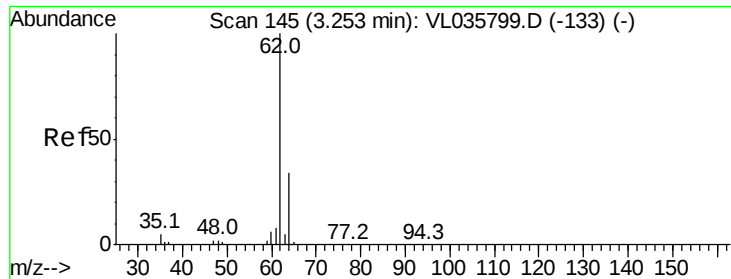
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#4
Chloromethane
Concen: 8.969 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.02 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 50 Resp: 740627
Ion Ratio Lower Upper
50 100
52 34.6 27.1 40.7





#5

Vinyl Chloride

Concen: 8.537 ppbv

RT: 3.23 min Scan# 139

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 62 Resp: 898652

Ion Ratio Lower Upper

62 100

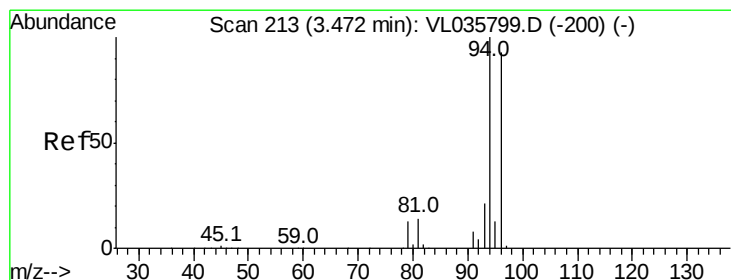
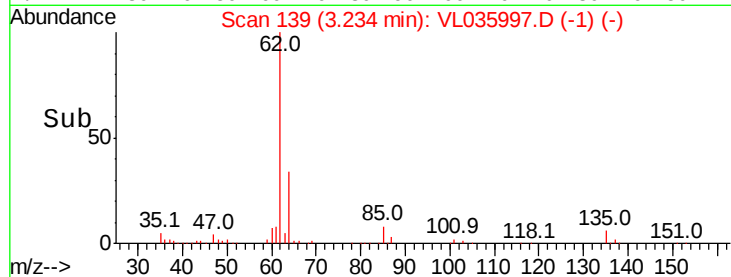
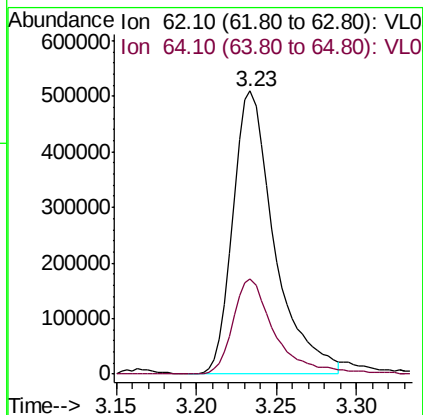
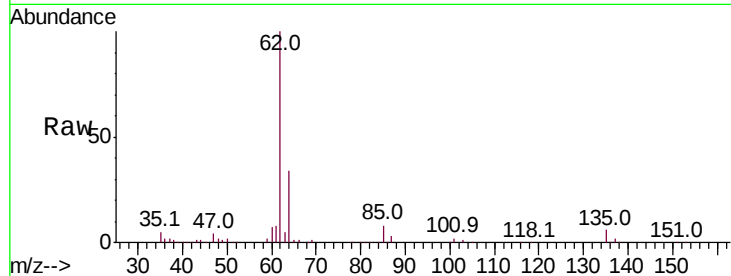
64 33.7 26.9 40.3

Manual Integrations

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#6

Bromomethane

Concen: 8.836 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.02 min

Lab File: VL035997.D

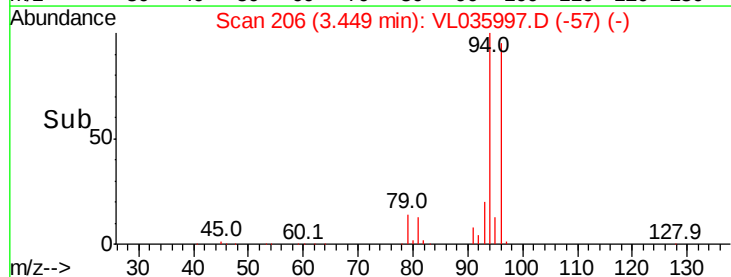
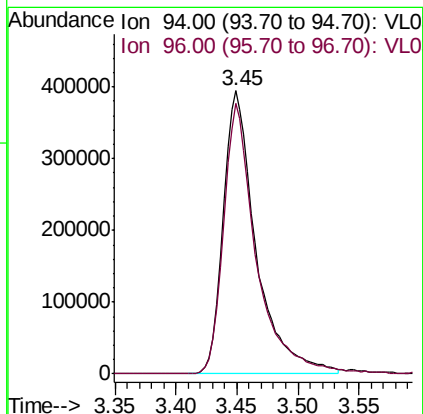
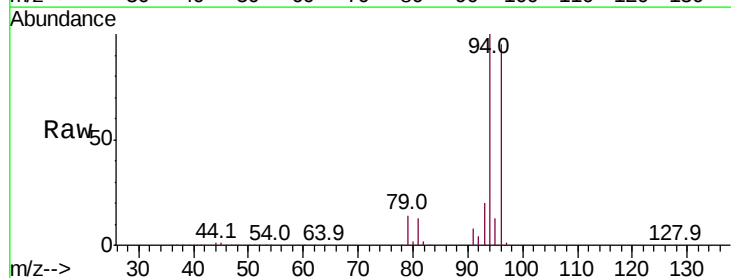
Acq: 24 Nov 2020 16:29

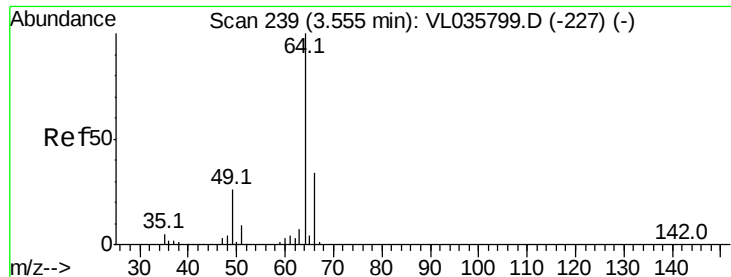
Tgt Ion: 94 Resp: 748010

Ion Ratio Lower Upper

94 100

96 95.5 74.6 111.8





#7

Chloroethane

Concen: 9.216 ppbv

RT: 3.53 min Scan# 232

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 64 Resp: 341410

Ion Ratio Lower Upper

64 100

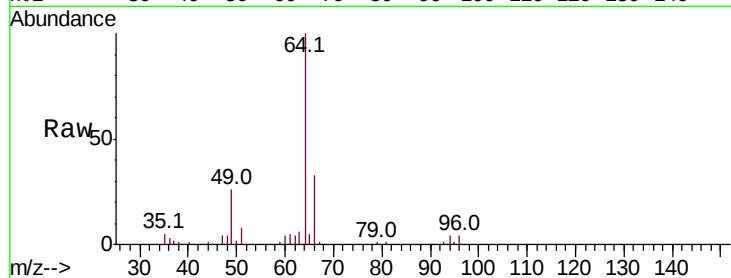
66 32.6 27.0 40.6

Manual Integrations

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.53

200000

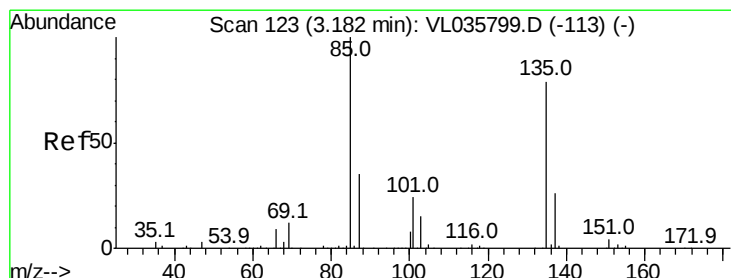
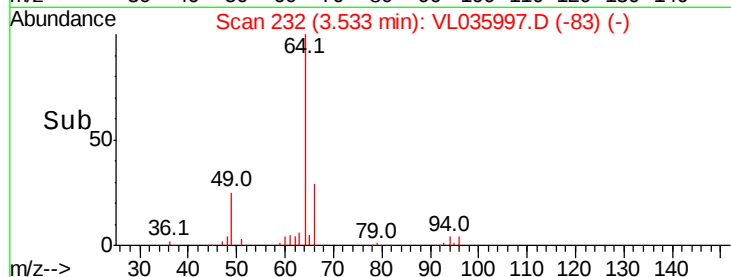
150000

100000

50000

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Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.538 ppbv

RT: 3.16 min Scan# 117

Delta R.T. -0.02 min

Lab File: VL035997.D

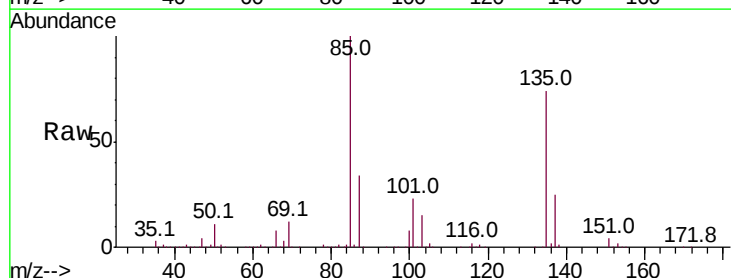
Acq: 24 Nov 2020 16:29

Tgt Ion: 85 Resp: 2611077

Ion Ratio Lower Upper

85 100

135 74.9 64.6 96.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.16

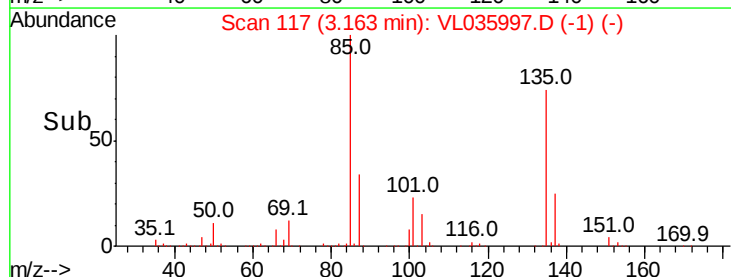
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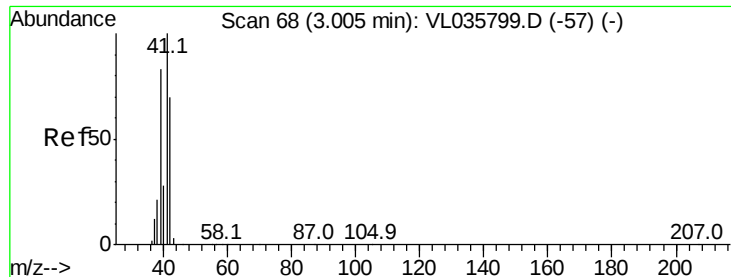
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Time-->





#9

Propene

Concen: 8.950 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 41 Resp: 556808

Ion Ratio Lower Upper

41 100

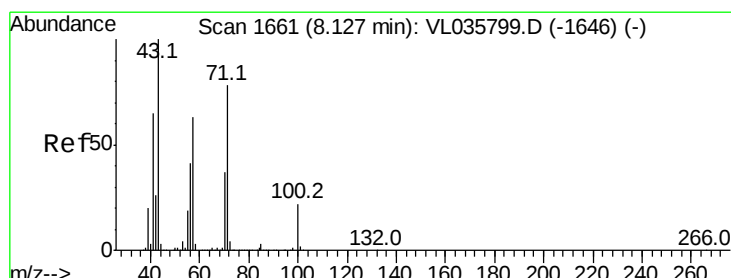
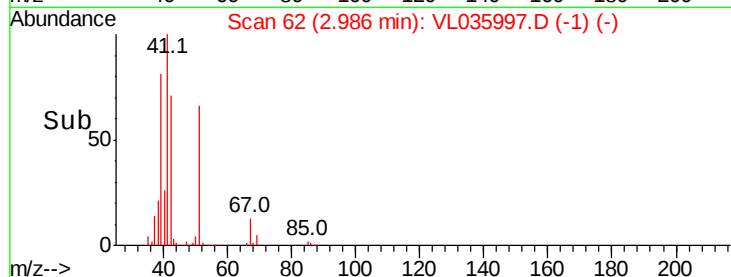
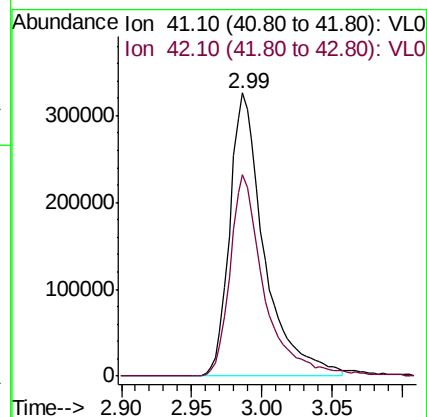
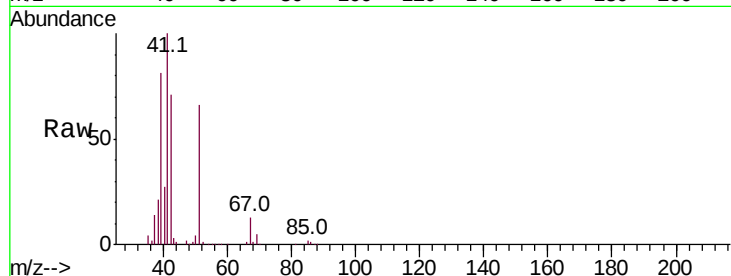
42 71.4 56.2 84.4

Manual Integrations

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#10

Heptane

Concen: 9.299 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.03 min

Lab File: VL035997.D

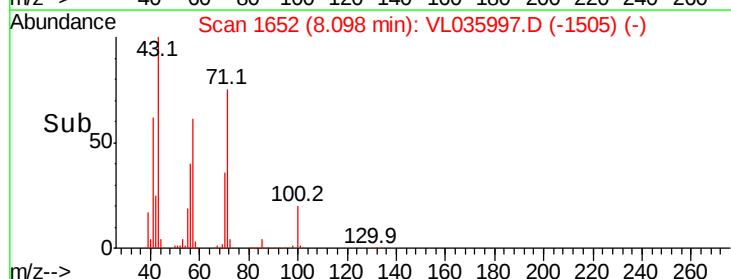
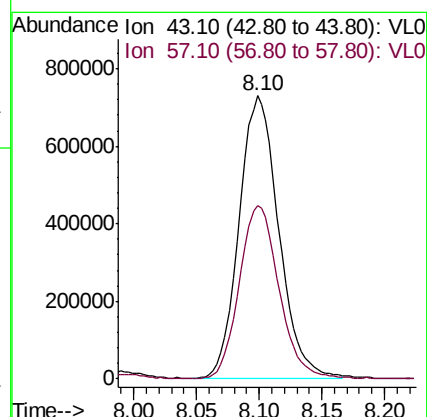
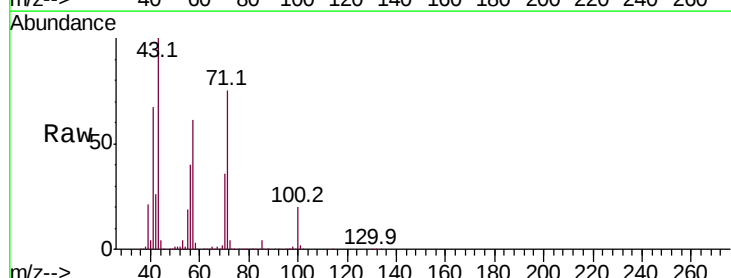
Acq: 24 Nov 2020 16:29

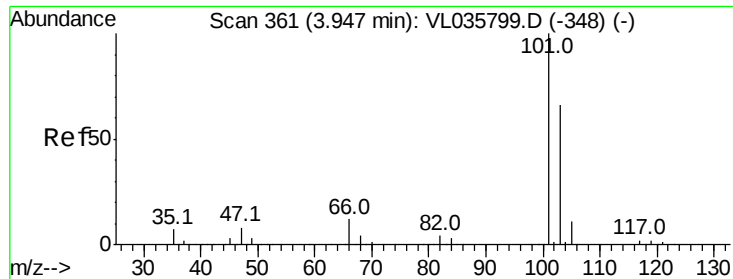
Tgt Ion: 43 Resp: 1597956

Ion Ratio Lower Upper

43 100

57 61.9 50.0 75.0





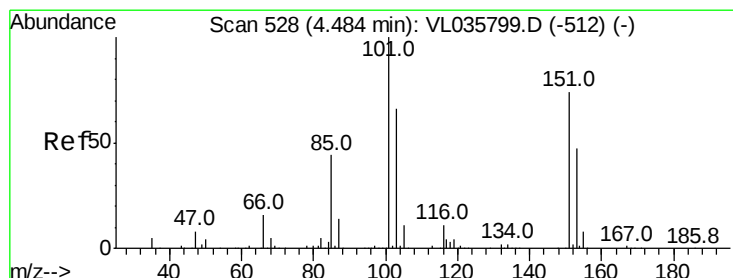
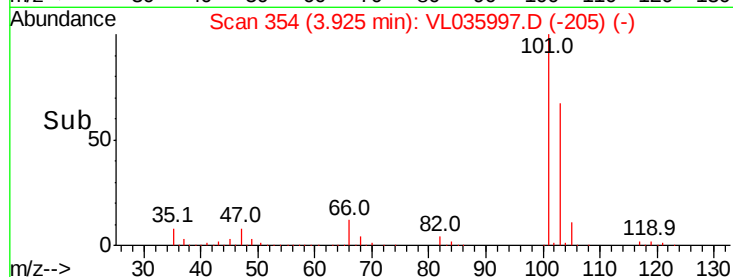
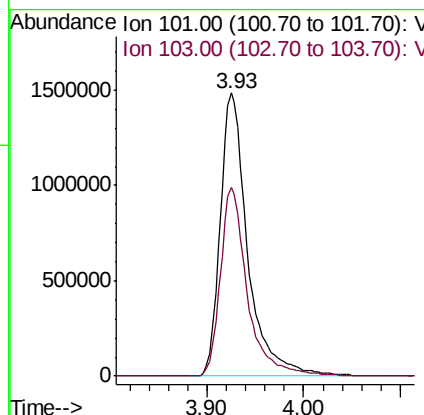
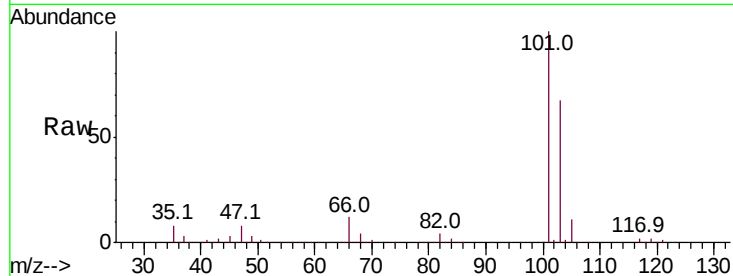
#11
 Trichlorofluoromethane
 Concen: 8.725 ppbv
 RT: 3.93 min Scan# 354
 Delta R.T. -0.02 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion:101 Resp: 2927699
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.0 79.4

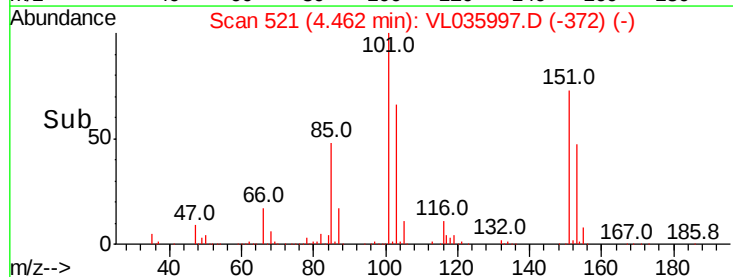
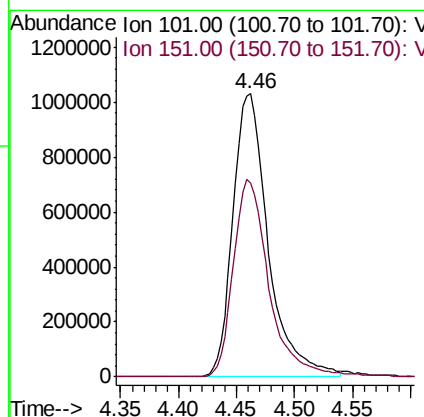
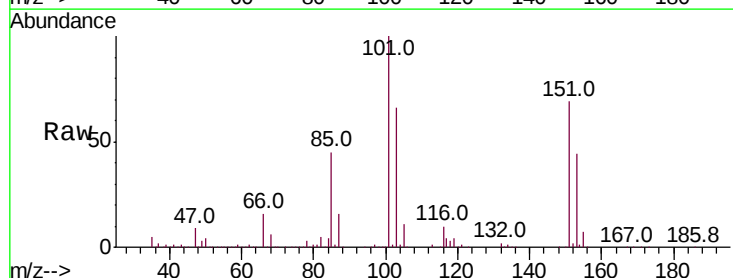
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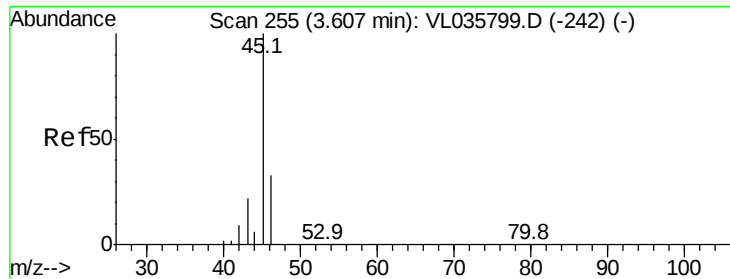
MMDadoda
 11/27/2020 1:14:53 PM



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.750 ppbv
 RT: 4.46 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion:101 Resp: 2186007
 Ion Ratio Lower Upper
 101 100
 151 71.0 58.9 88.3





#13

Ethanol

Concen: 7.671 ppbv

RT: 3.58 min Scan# 248

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 45 Resp: 103540

Ion Ratio Lower Upper

45 100

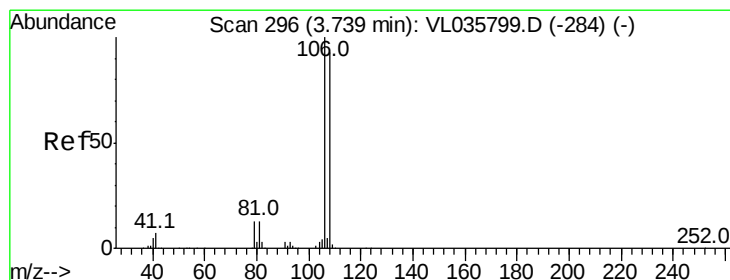
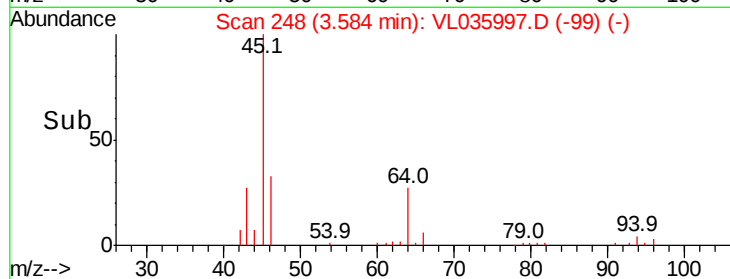
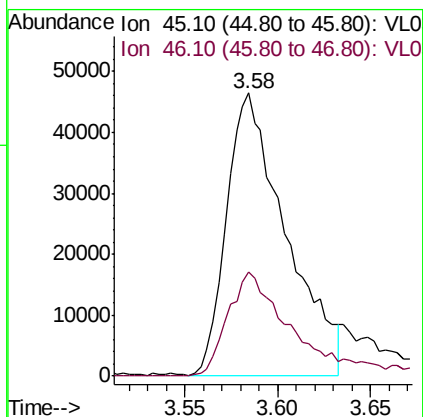
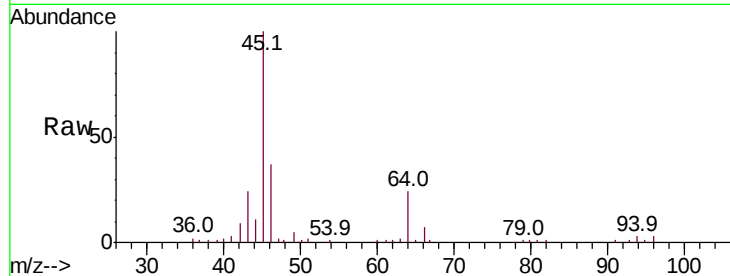
46 41.4 16.1 64.5

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#14

Bromoethene

Concen: 8.507 ppbv

RT: 3.72 min Scan# 289

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

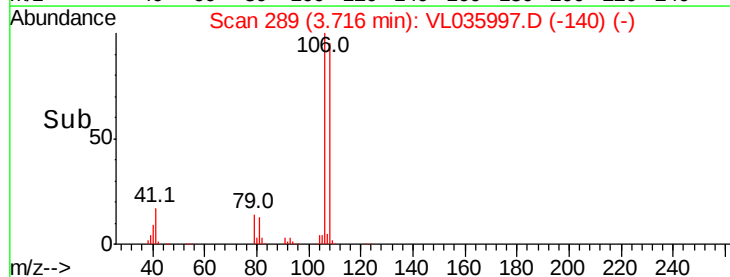
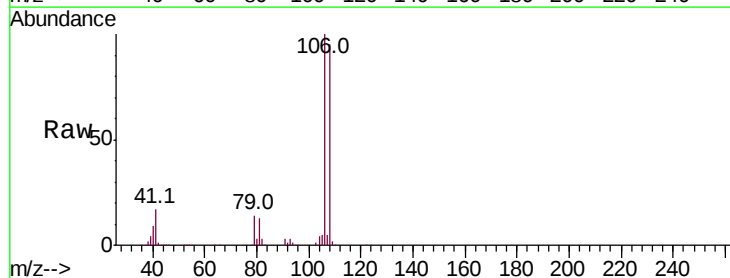
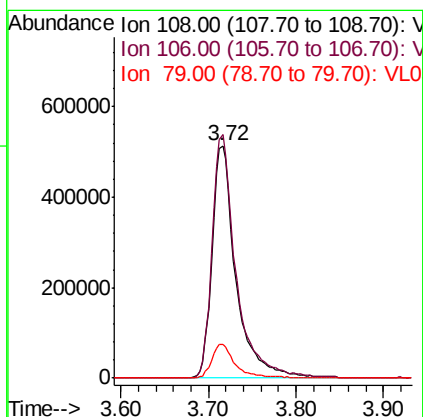
Tgt Ion: 108 Resp: 978072

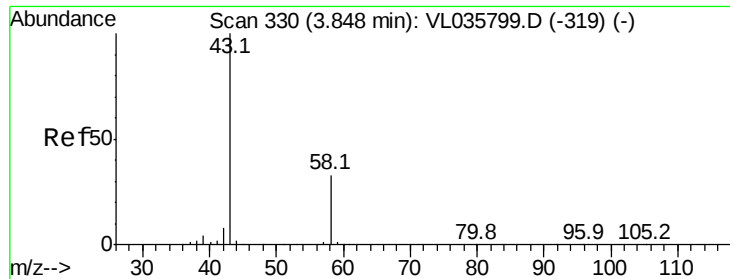
Ion Ratio Lower Upper

108 100

106 105.5 85.3 127.9

79 14.4 11.6 17.4





#15

Acetone

Concen: 8.538 ppbv

RT: 3.83 min Scan# 324

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 43 Resp: 1295684

Ion Ratio Lower Upper

43 100

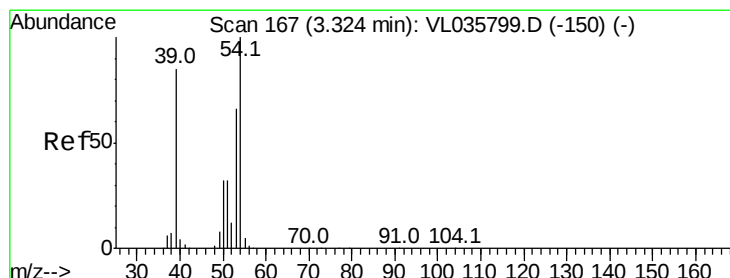
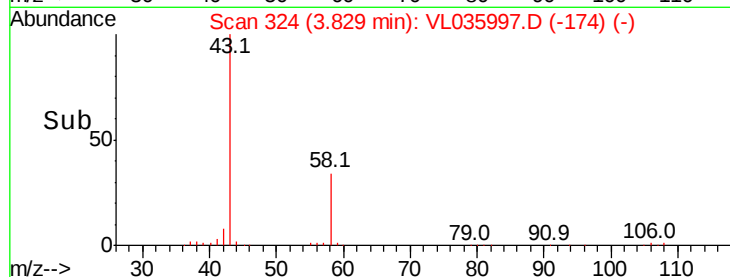
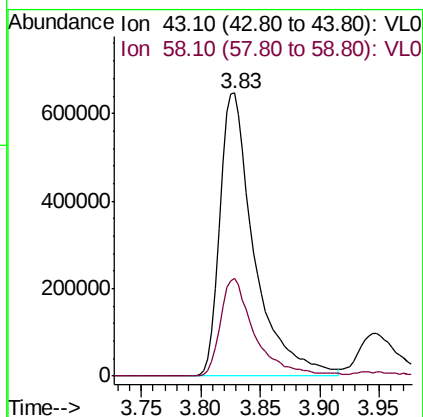
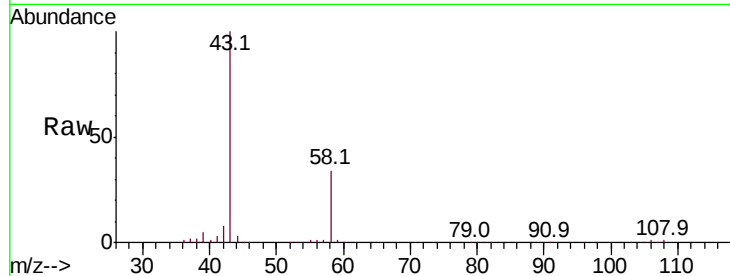
58 34.5 27.5 41.3

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#16

1,3-Butadiene

Concen: 9.078 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.02 min

Lab File: VL035997.D

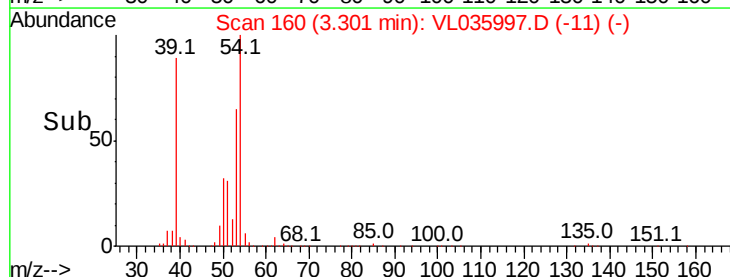
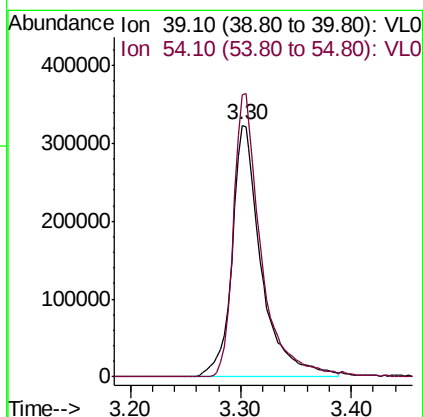
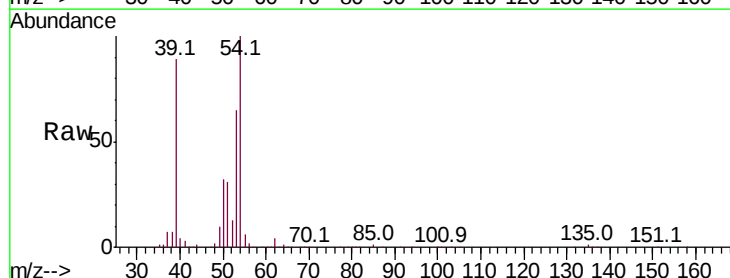
Acq: 24 Nov 2020 16:29

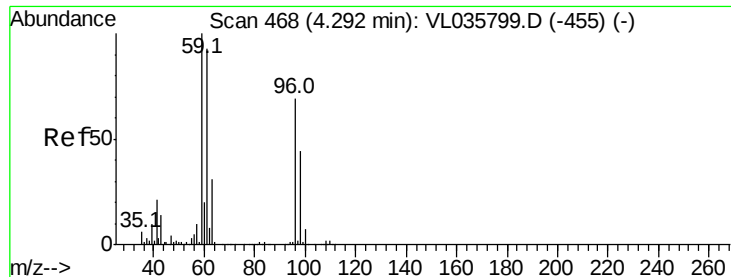
Tgt Ion: 39 Resp: 593065

Ion Ratio Lower Upper

39 100

54 108.1 87.1 130.7





#17

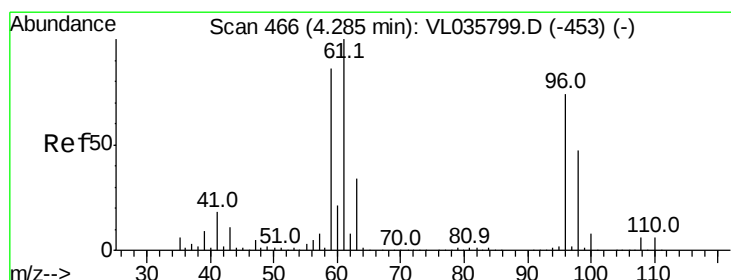
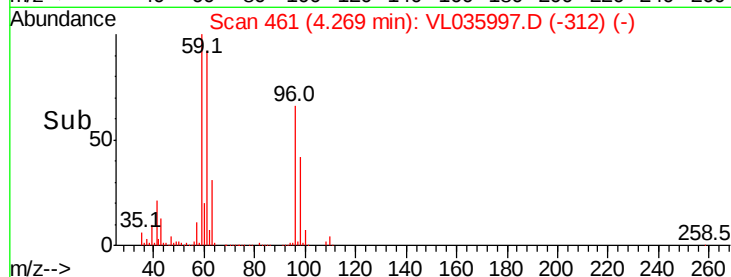
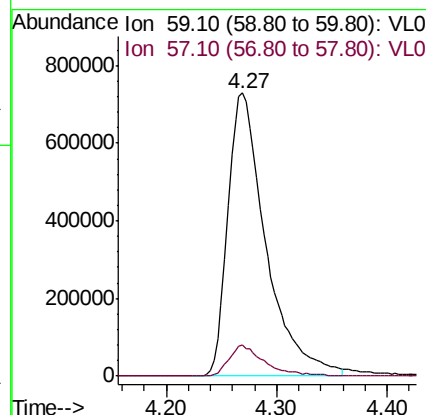
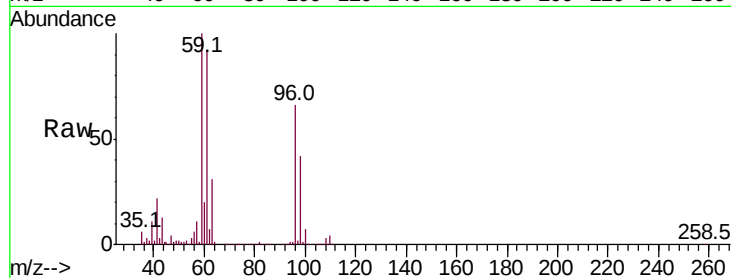
tert-Butyl alcohol
Concen: 8.694 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 59 Resp: 1748438
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

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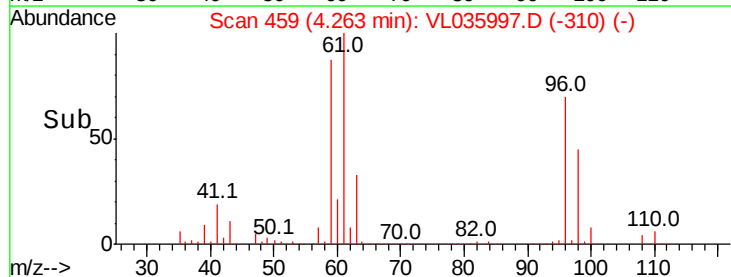
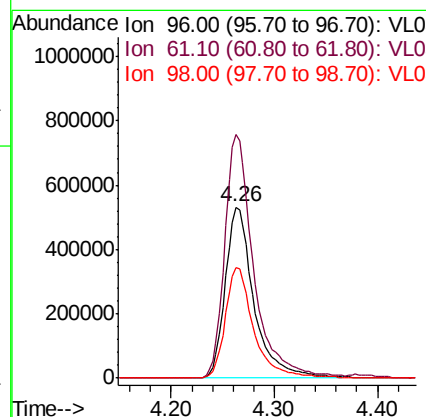
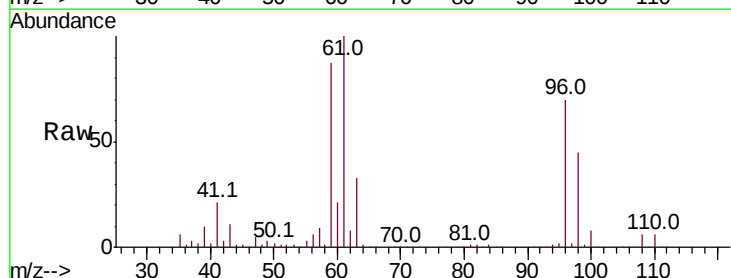
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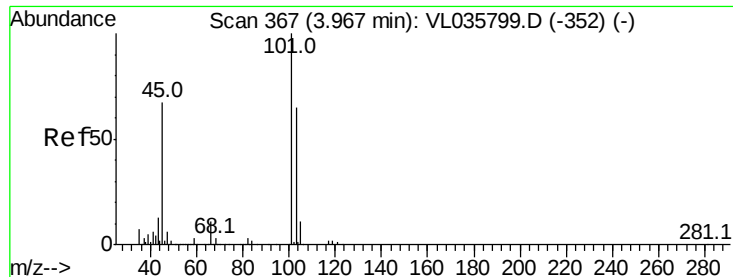


#18

1,1-Dichloroethene
Concen: 8.997 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.02 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 96 Resp: 1032036
Ion Ratio Lower Upper
96 100
61 142.3 108.5 162.7
98 64.5 50.7 76.1





#19

Isopropyl Alcohol

Concen: 8.899 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 45 Resp: 829824

Ion Ratio Lower Upper

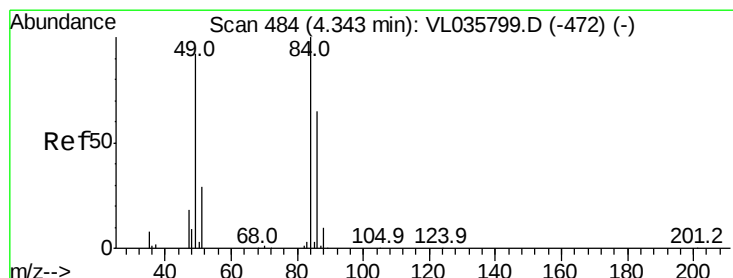
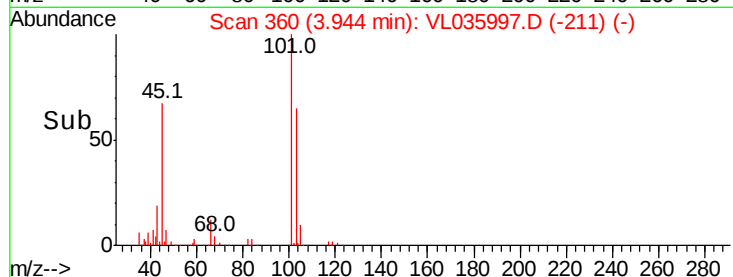
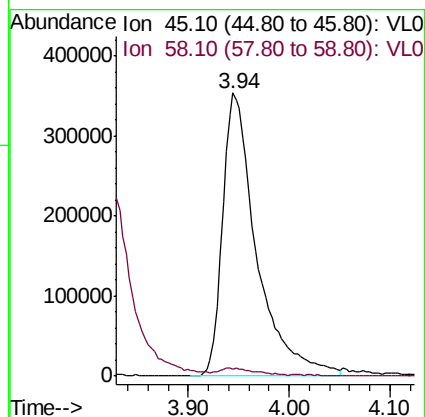
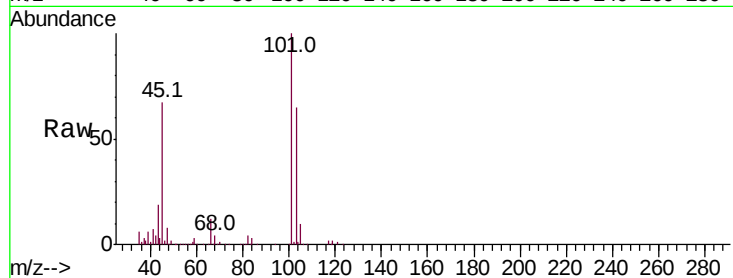
45 100

58 3.3 2.6 3.8

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#20

Methylene Chloride

Concen: 7.781 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion: 84 Resp: 831154

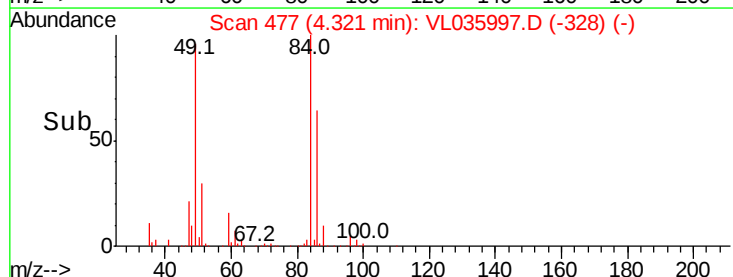
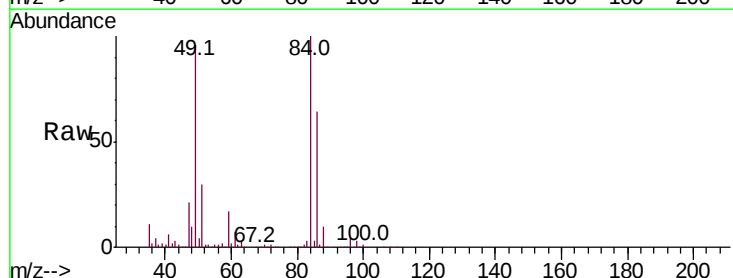
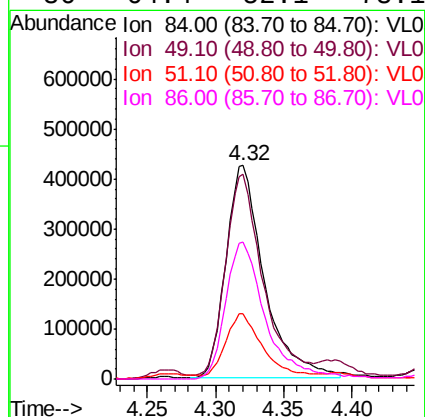
Ion Ratio Lower Upper

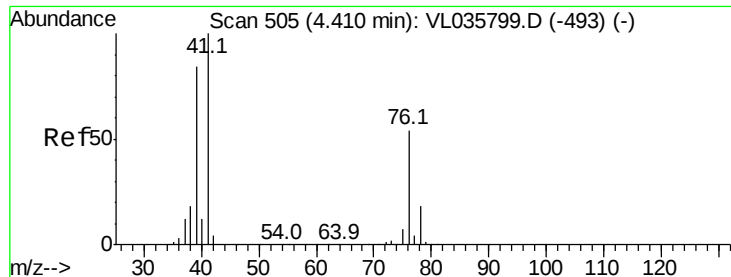
84 100

49 94.7 73.8 110.8

51 28.7 23.0 34.4

86 64.4 52.1 78.1





#21

Allvl Chloride

Concen: 9.421 ppbv

RT: 4.39 min Scan# 498

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

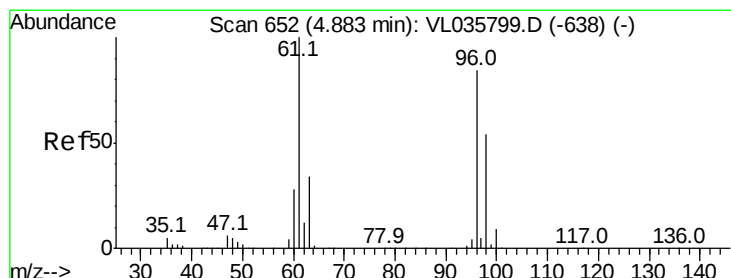
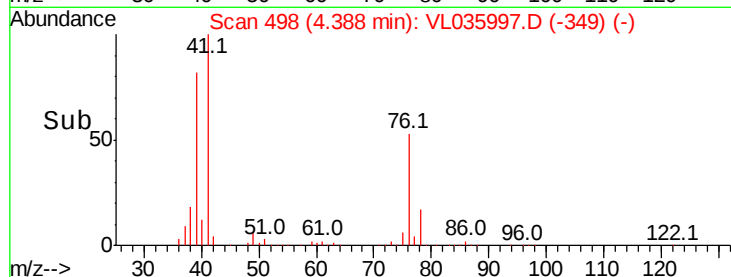
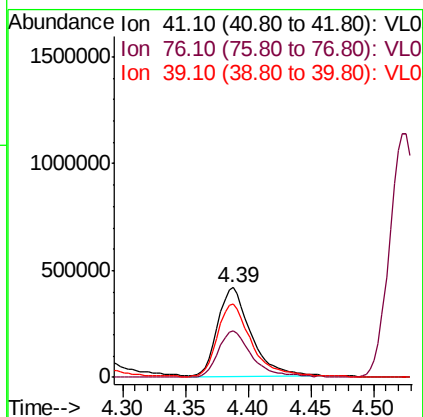
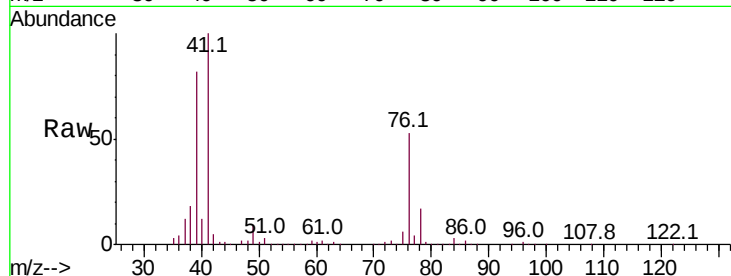
ClientSampleId :

VL1124ABS01

Tot Ion:	41	Resp:	773083
Ion Ratio	Lower	Upper	
41	100		
76	53.3	42.6	63.8
39	86.6	67.0	100.4

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#22

trans-1,2-Dichloroethene

Concen: 9.045 ppbv

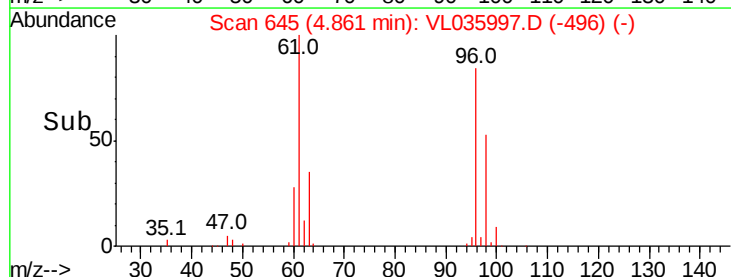
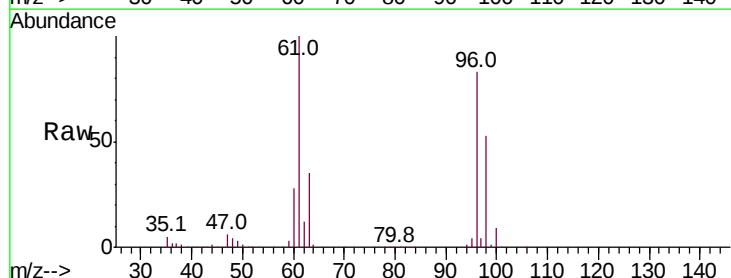
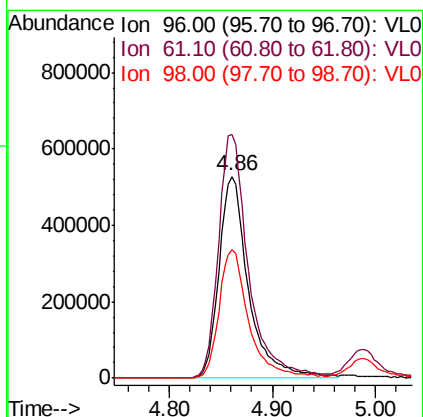
RT: 4.86 min Scan# 645

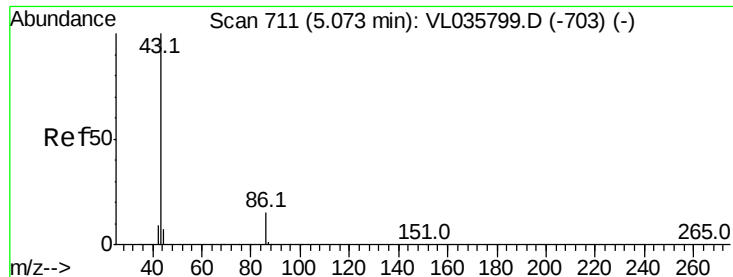
Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion:	96	Resp:	1051764
Ion Ratio	Lower	Upper	
96	100		
61	120.5	95.4	143.0
98	63.4	51.8	77.6





#23

Vinyl Acetate

Concen: 8.420 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.02 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 43 Resp: 1791043

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6

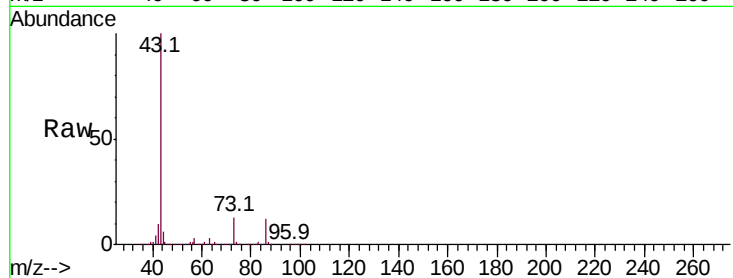
42 9.8 8.1 12.1

44 5.4 4.2 6.4

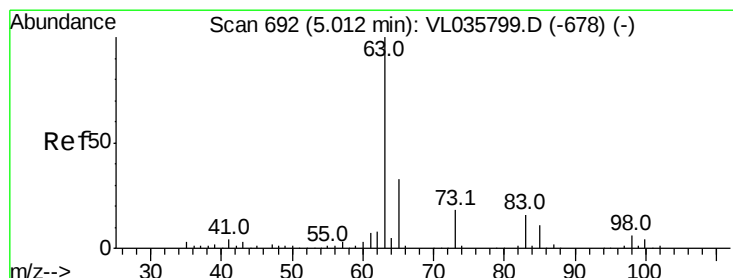
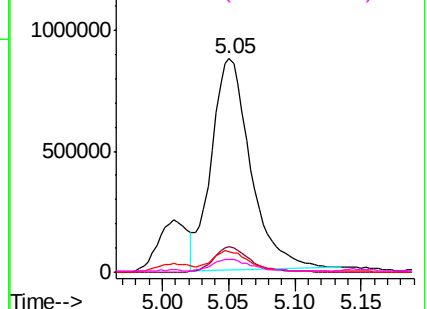
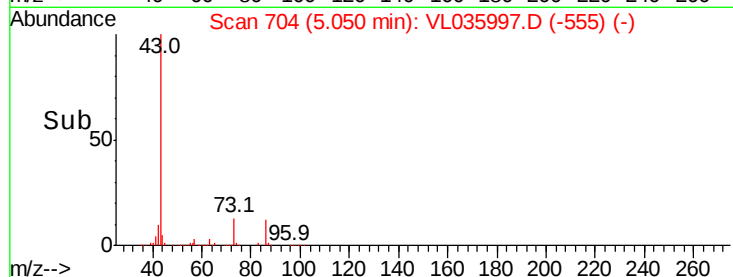
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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.751 ppbv

RT: 4.99 min Scan# 684

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

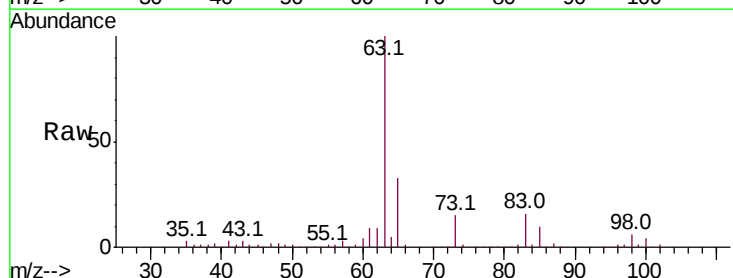
Tgt Ion: 63 Resp: 1773478

Ion Ratio Lower Upper

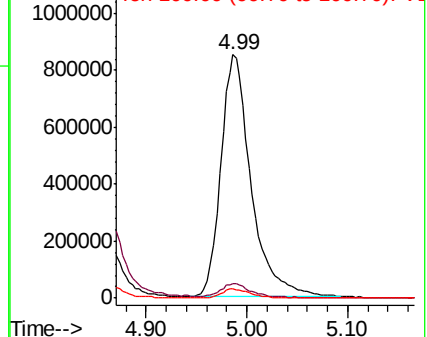
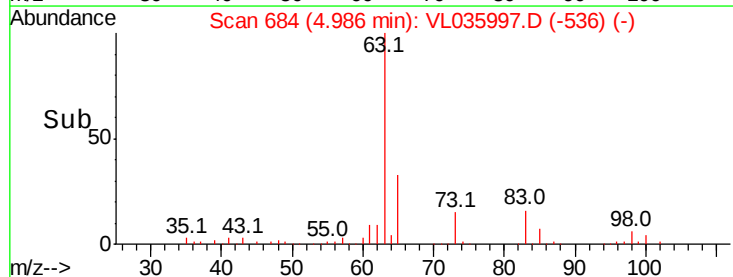
63 100

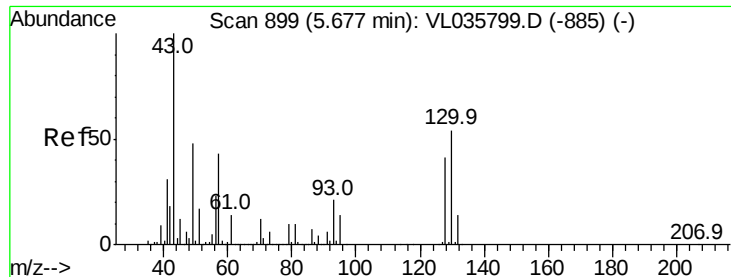
98 5.7 3.0 9.2

100 3.7 1.8 5.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.993 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 43 Resp: 2688274

Ion Ratio Lower Upper

43 100

45 10.7 8.5 12.7

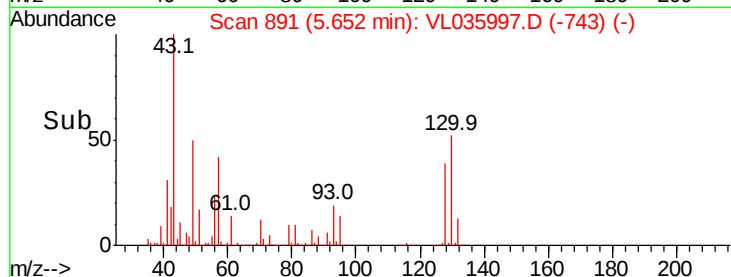
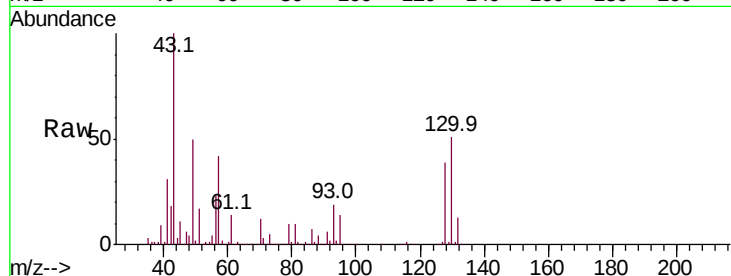
61 13.5 10.7 16.1

70 10.3 8.6 12.8

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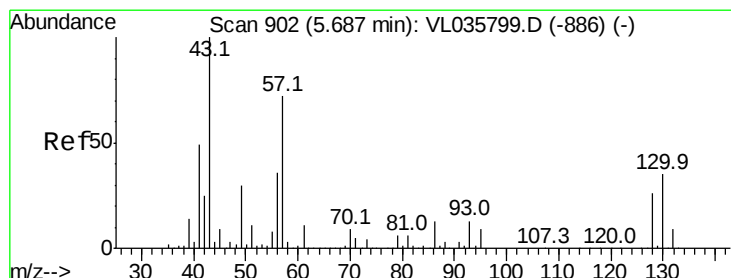
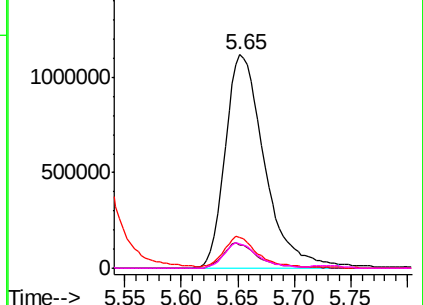


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.588 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion: 57 Resp: 1415885

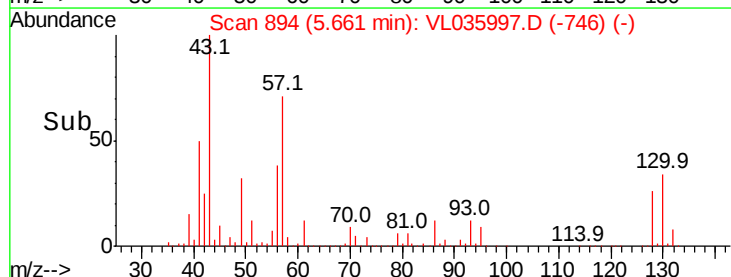
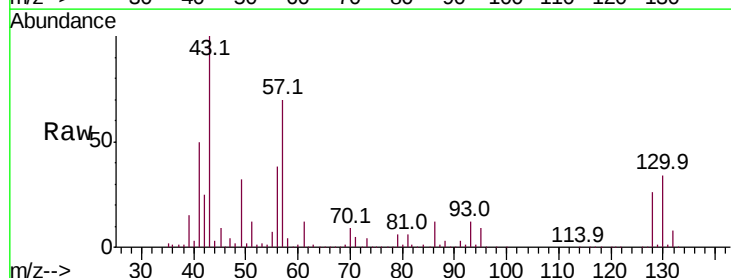
Ion Ratio Lower Upper

57 100

41 74.8 58.9 88.3

43 192.7 150.2 225.2

56 54.1 42.4 63.6

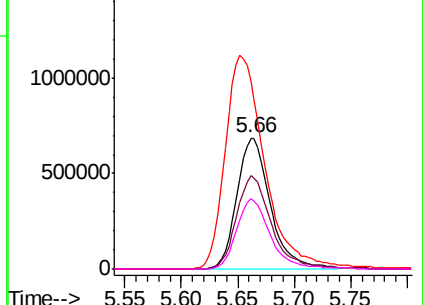


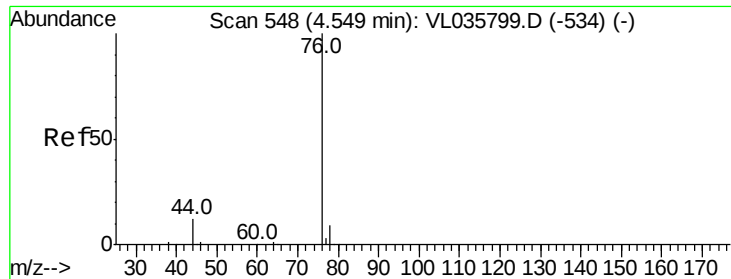
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.393 ppbv

RT: 4.52 min Scan# 540

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampled :

VL1124ABS01

Tot Ion: 76 Resp: 2320289

Ion Ratio Lower Upper

76 100

44 12.0 9.9 14.9

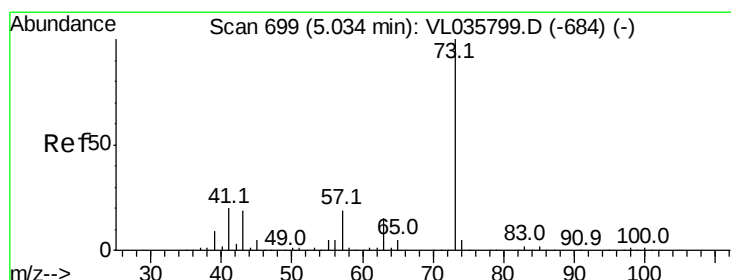
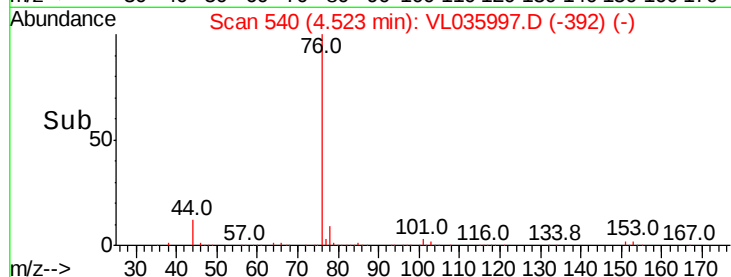
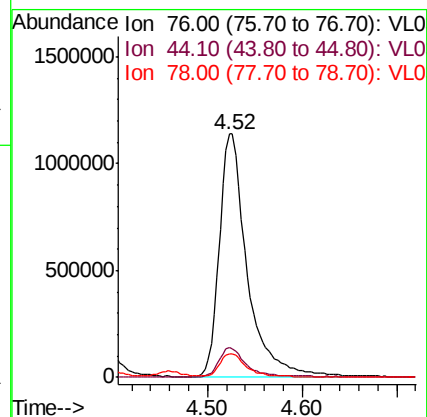
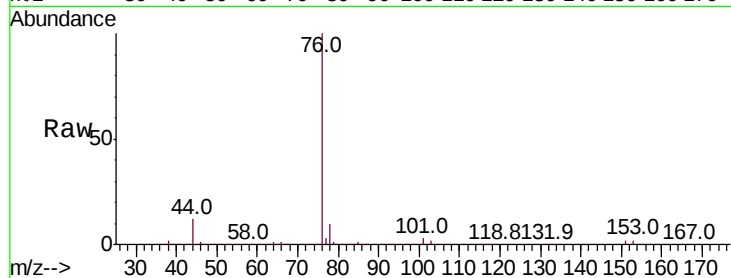
78 10.0 8.1 12.1

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#28

Methyl tert-Butyl Ether

Concen: 8.178 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.03 min

Lab File: VL035997.D

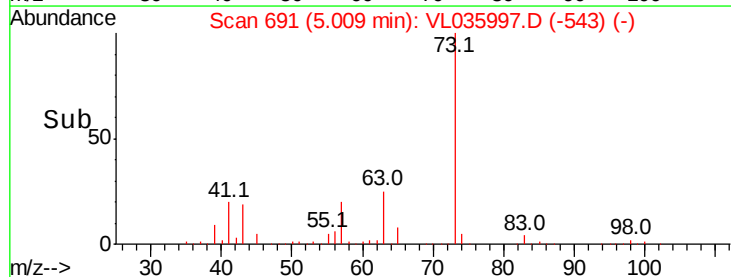
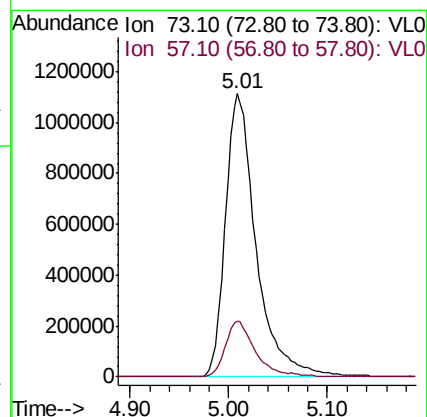
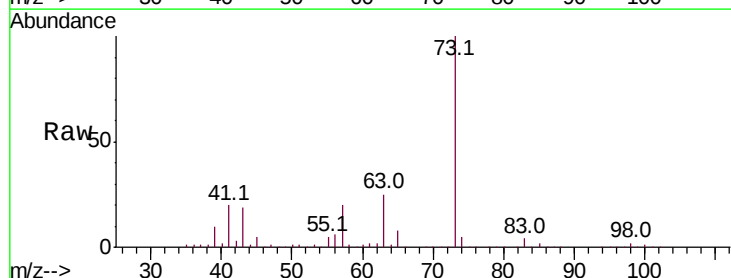
Acq: 24 Nov 2020 16:29

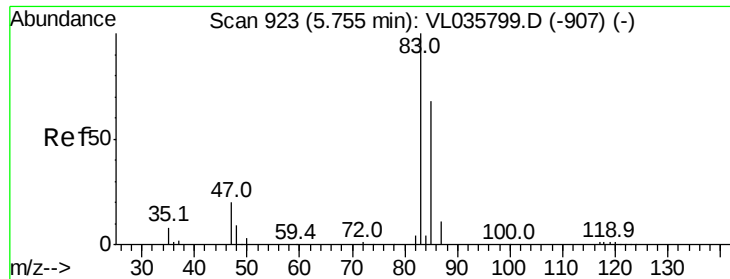
Tgt Ion: 73 Resp: 2421074

Ion Ratio Lower Upper

73 100

57 19.6 15.4 23.2





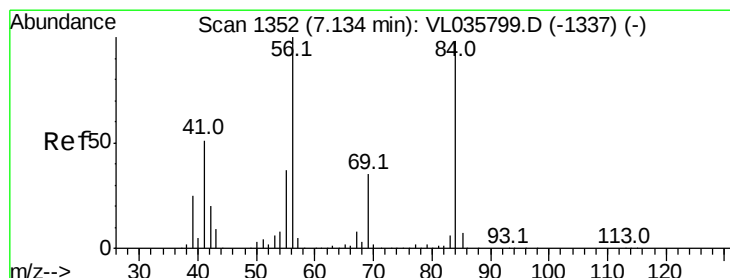
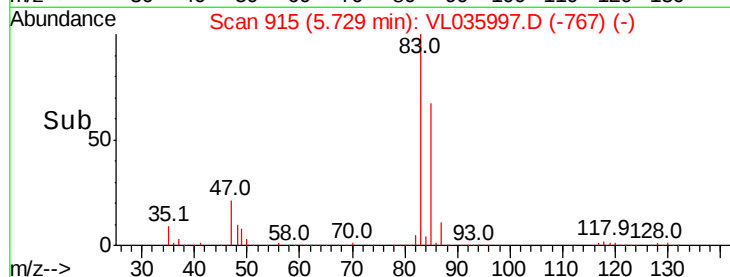
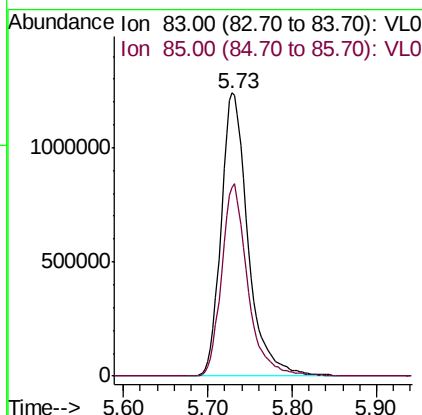
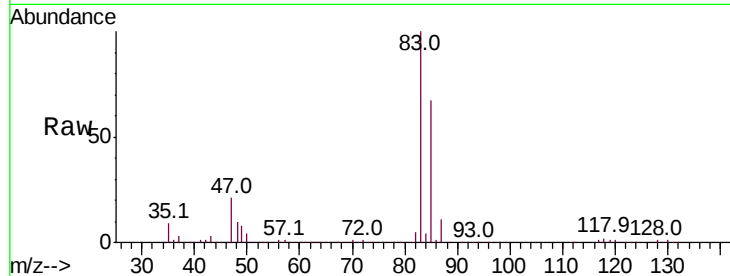
#29
Chloroform
Concen: 8.455 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 83 Resp: 2739787
Ion Ratio Lower Upper
83 100
85 66.4 54.6 81.8

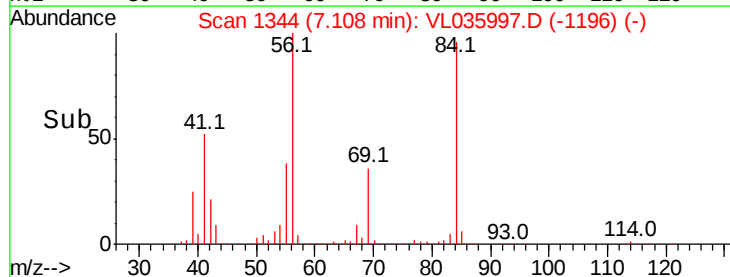
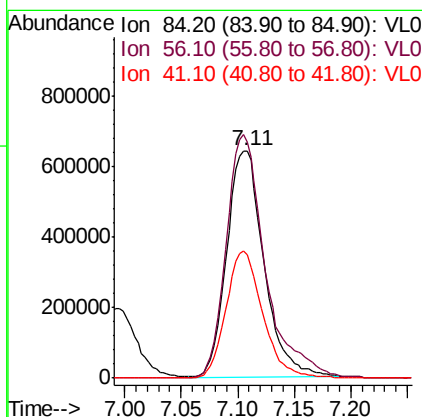
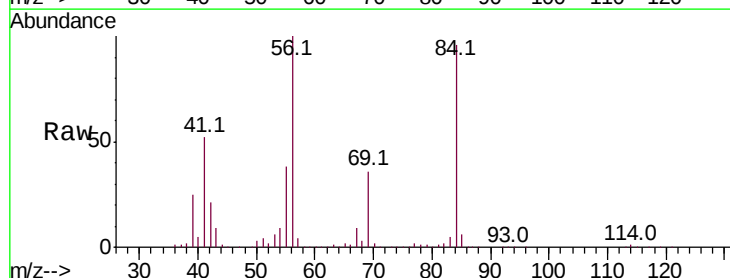
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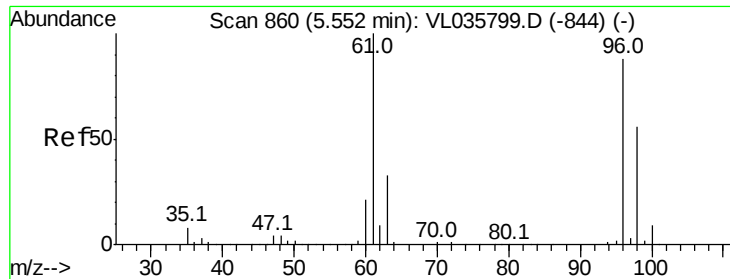
MMDadoda
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#30
Cyclohexane
Concen: 8.172 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 84 Resp: 1467453
Ion Ratio Lower Upper
84 100
56 113.5 86.4 129.6
41 55.8 42.1 63.1





#31

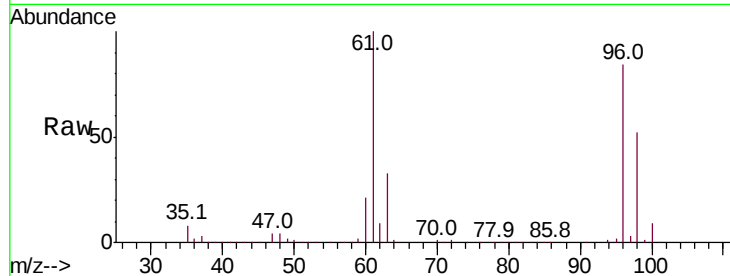
cis-1,2-Dichloroethene
Concen: 8.876 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

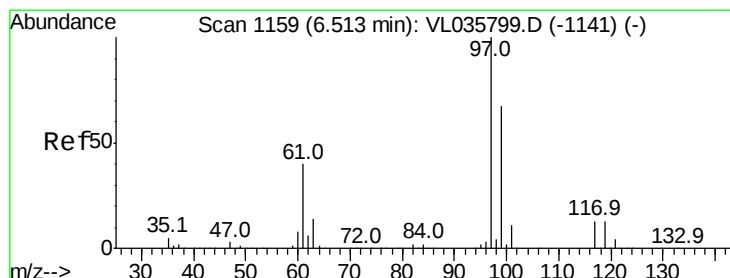
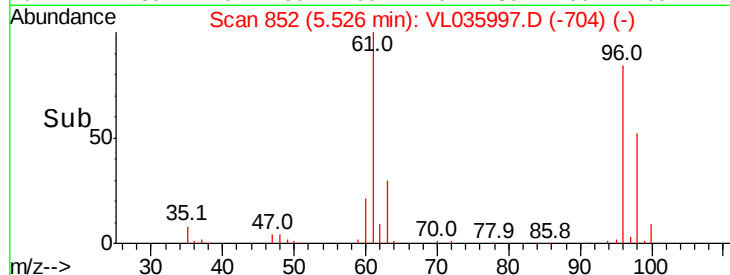
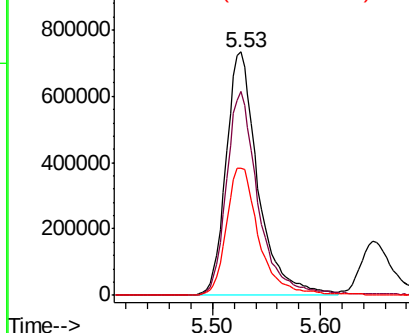
Tot Ion: 61 Resp: 1505472
Ion Ratio Lower Upper
61 100
96 83.7 70.3 105.5
98 52.5 45.0 67.6

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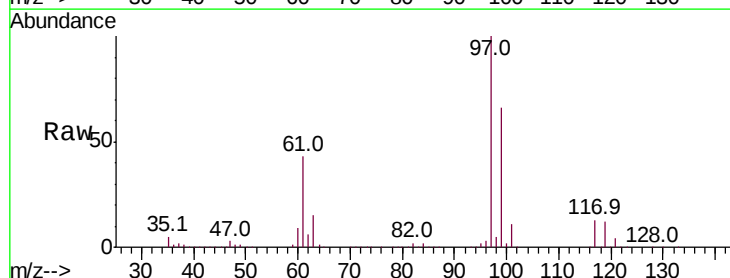
Abundance Ion 61.10 (60.80 to 61.80): VL0
1000000 Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



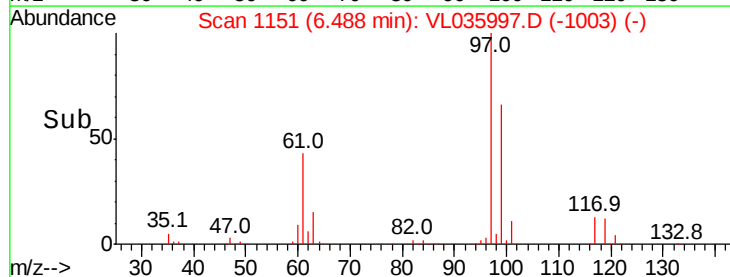
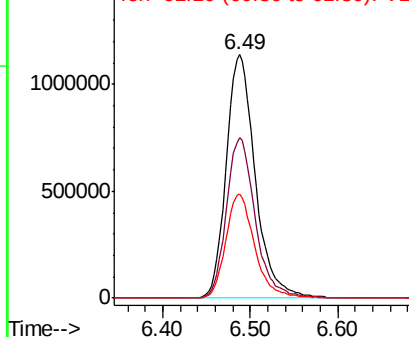
#32

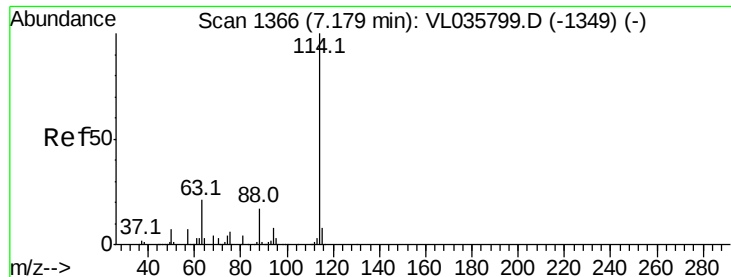
1,1,1-Trichloroethane
Concen: 7.771 ppbv
RT: 6.49 min Scan# 1151
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 97 Resp: 2627811
Ion Ratio Lower Upper
97 100
99 65.7 52.3 78.5
61 42.6 32.0 48.0



Abundance Ion 97.00 (96.70 to 97.70): VL0
1500000 Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





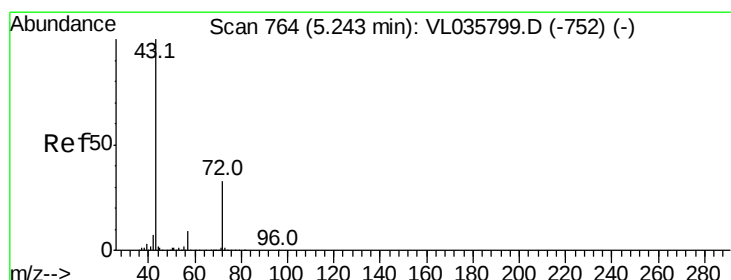
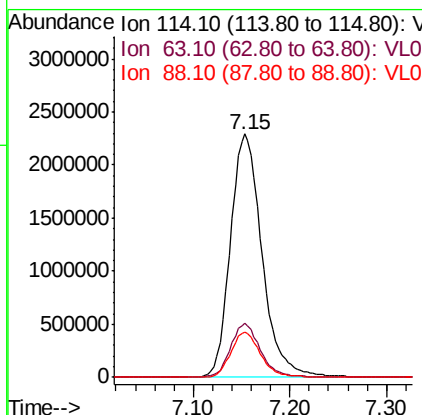
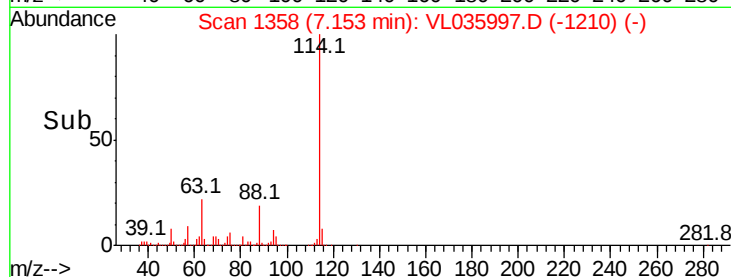
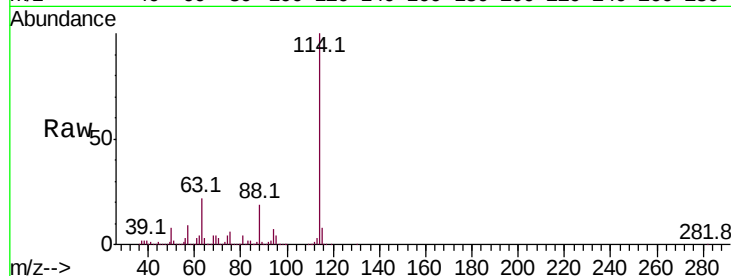
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion:114 Resp: 5198003
 Ion Ratio Lower Upper
 114 100
 63 21.2 16.1 24.1
 88 17.8 13.7 20.5

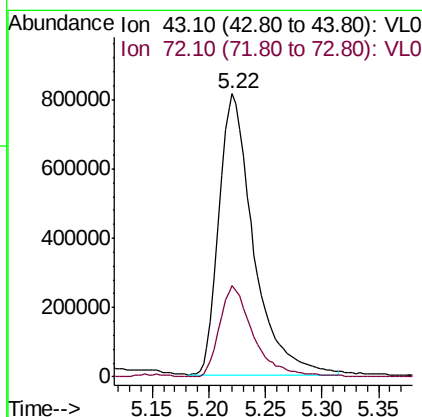
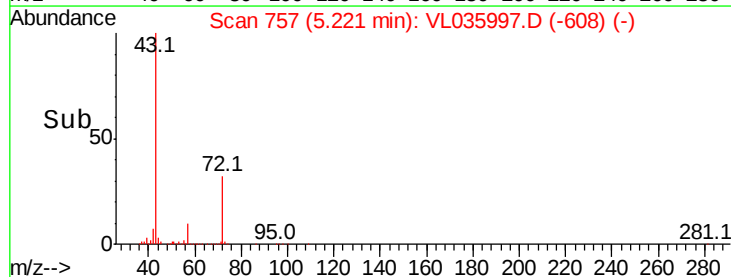
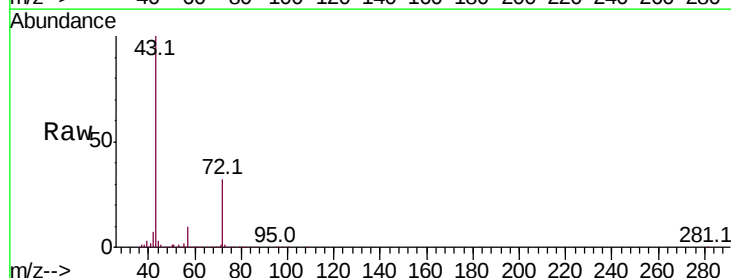
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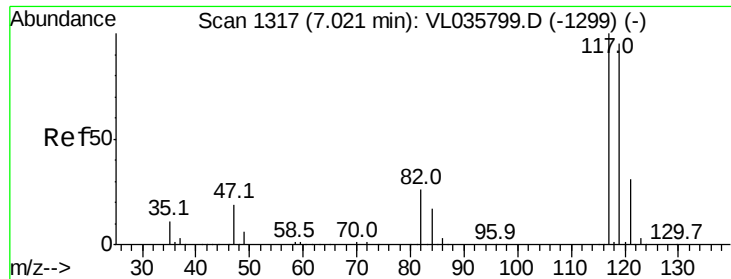
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#34
 2-Butanone
 Concen: 10.215 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion: 43 Resp: 1723253
 Ion Ratio Lower Upper
 43 100
 72 32.2 26.5 39.7





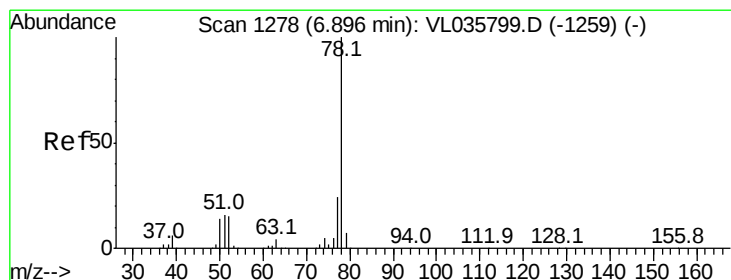
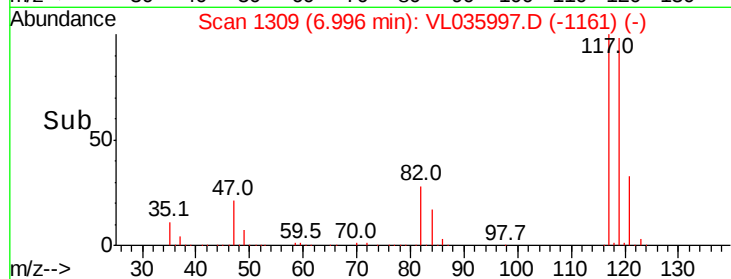
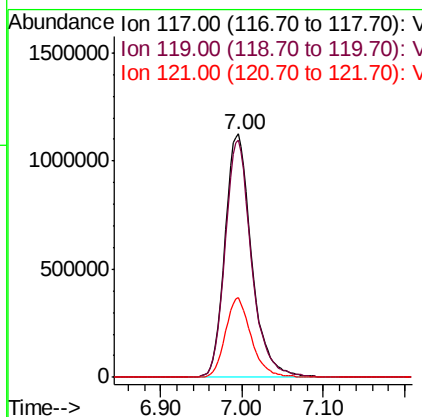
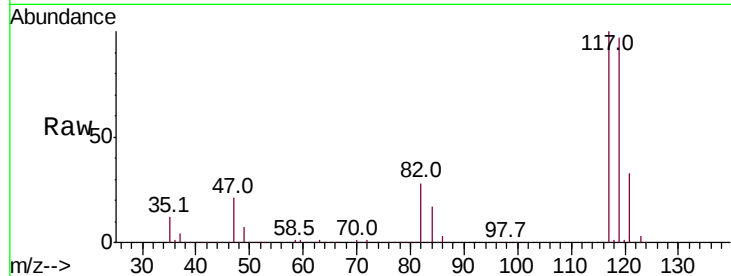
#35
Carbon Tetrachloride
Concen: 9.362 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion:117 Resp: 2600036
Ion Ratio Lower Upper
117 100
119 97.5 75.6 113.4
121 32.8 25.1 37.7

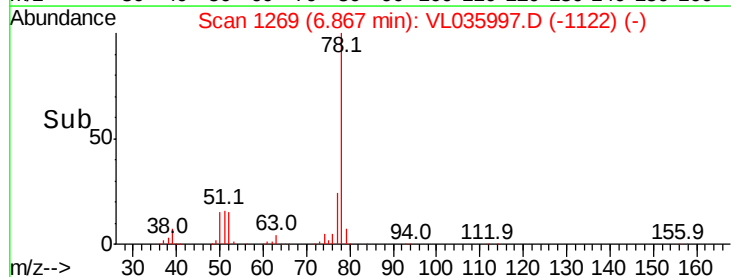
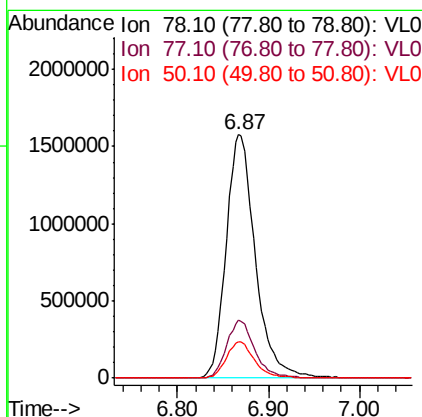
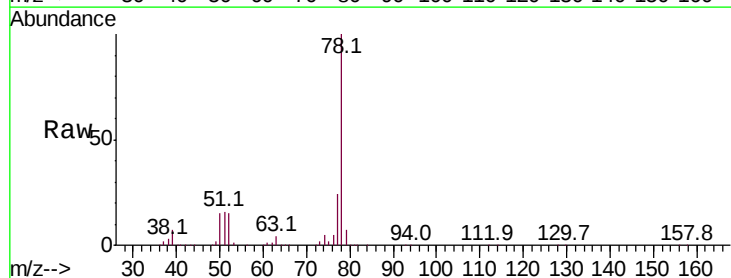
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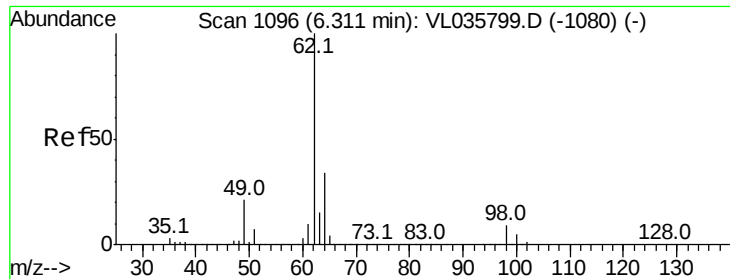
MMDadoda
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#36
Benzene
Concen: 9.070 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 78 Resp: 3505192
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
50 15.0 11.4 17.2





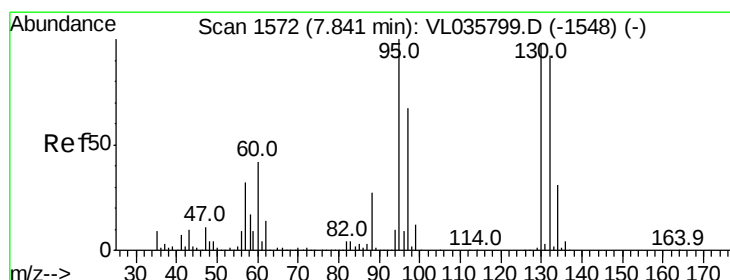
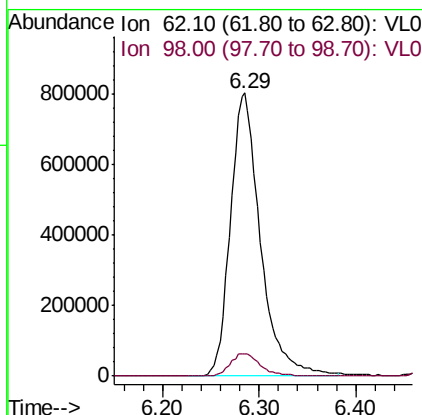
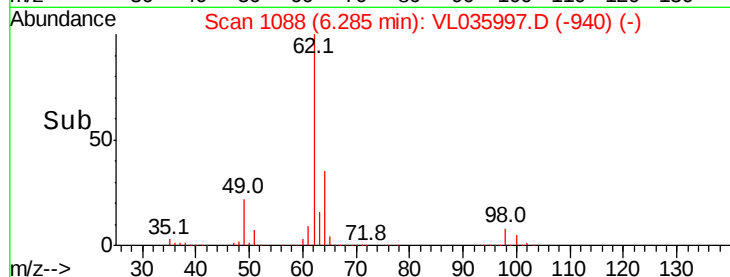
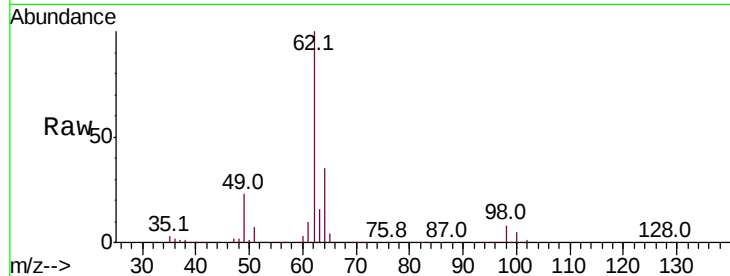
#37
 1,2-Dichloroethane
 Concen: 9.865 ppbv
 RT: 6.29 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion: 62 Resp: 1726999
 Ion Ratio Lower Upper
 62 100
 98 8.4 6.9 10.3

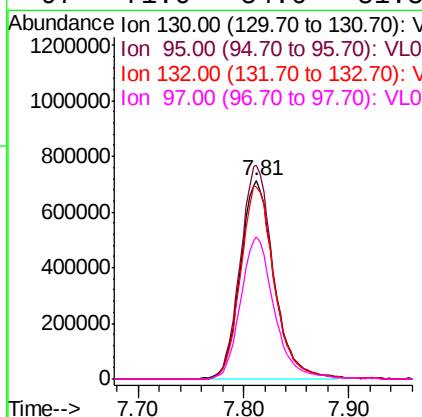
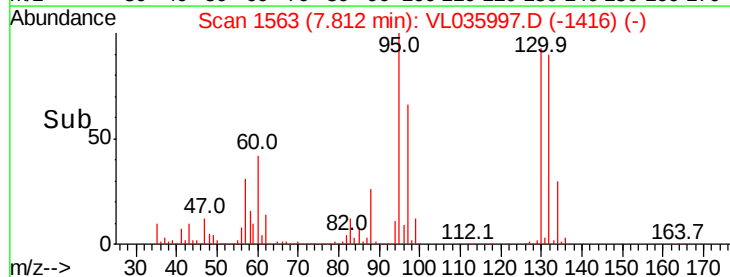
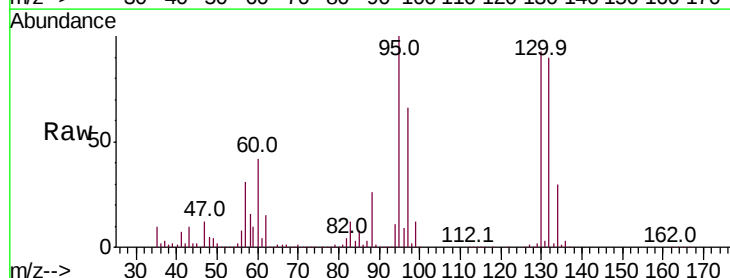
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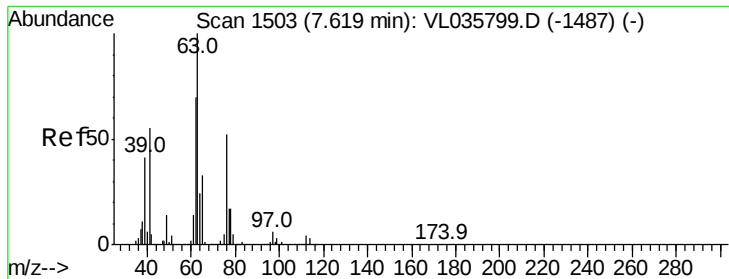
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#38
 Trichloroethene
 Concen: 8.375 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion:130 Resp: 1580833
 Ion Ratio Lower Upper
 130 100
 95 108.0 81.6 122.4
 132 96.9 75.1 112.7
 97 71.6 54.6 81.8





#39

1,2-Dichloropropane

Concen: 9.570 ppbv

RT: 7.59 min Scan# 1494

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 63 Resp: 1245048

Ion Ratio Lower Upper

63 100

41 54.1 43.8 65.6

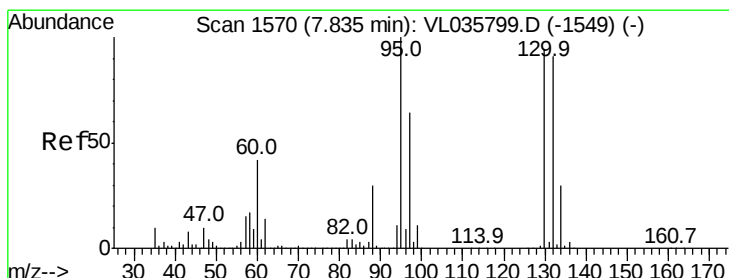
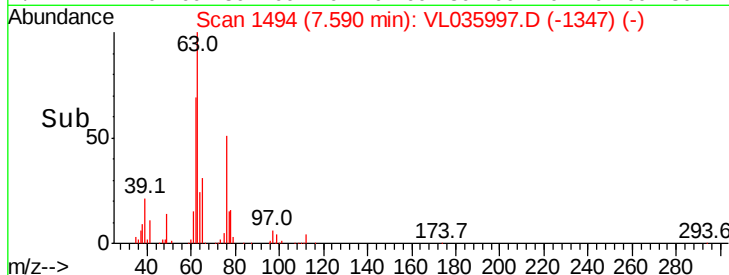
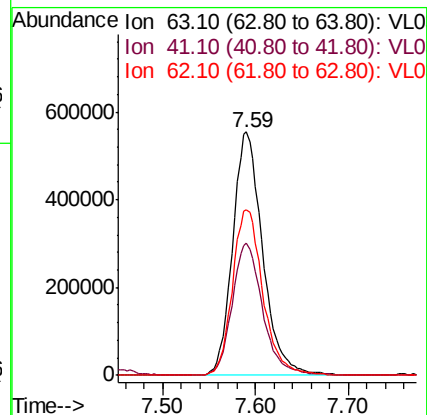
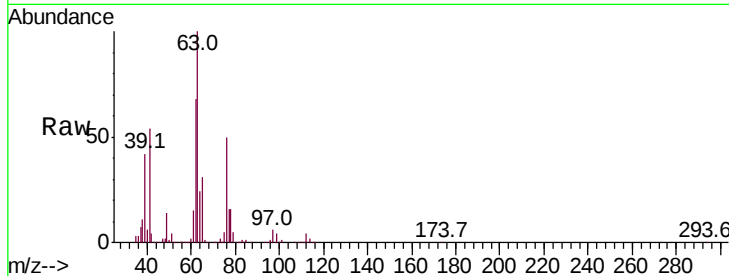
62 67.9 56.2 84.2

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#40

1,4-Dioxane

Concen: 8.756 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion: 88 Resp: 539907

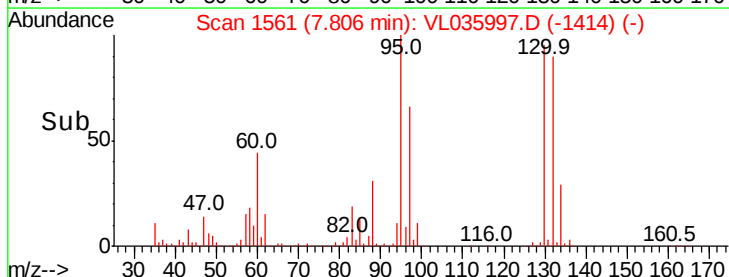
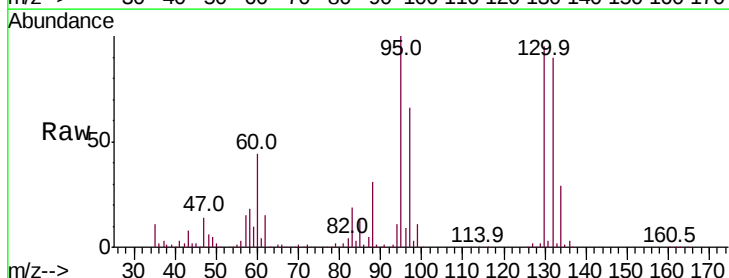
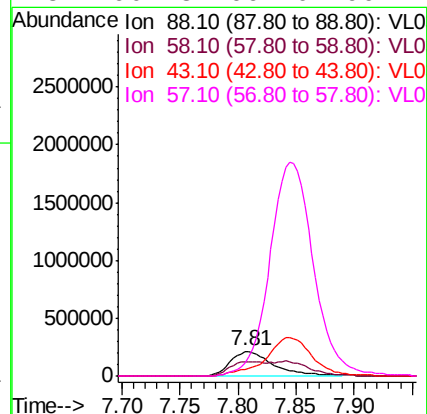
Ion Ratio Lower Upper

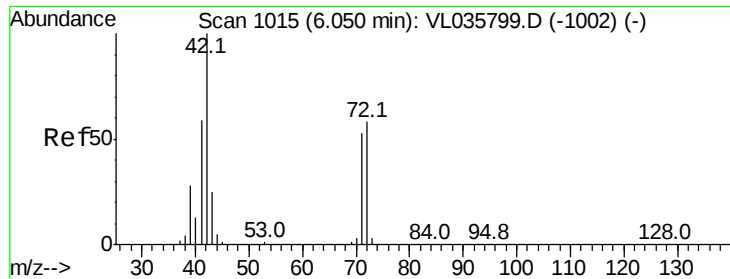
88 100

58 104.1 76.2 114.2

43 171.5 123.1 184.7

57 901.8 661.0 991.4





#41

Tetrahydrofuran

Concen: 10.563 ppbv

RT: 6.02 min Scan# 1007

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 42 Resp: 1012340

Ion Ratio Lower Upper

42 100

72 55.1 45.4 68.0

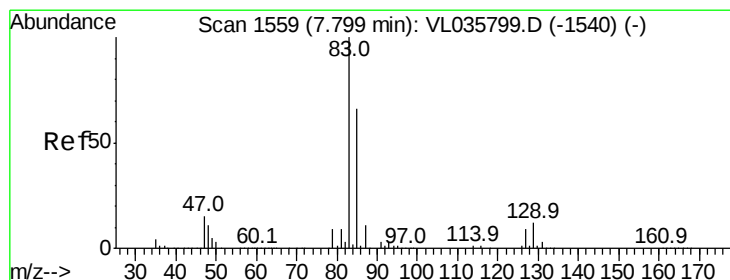
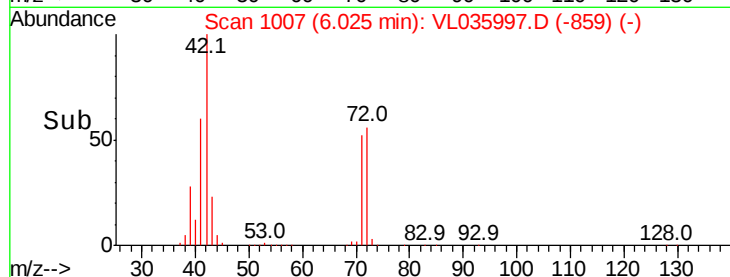
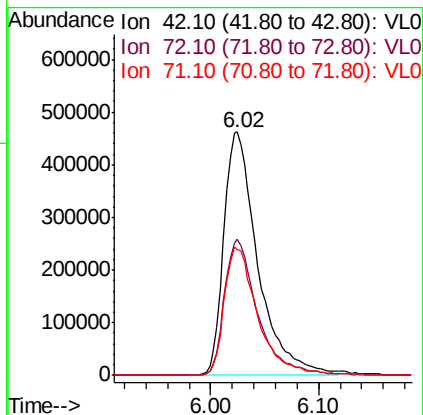
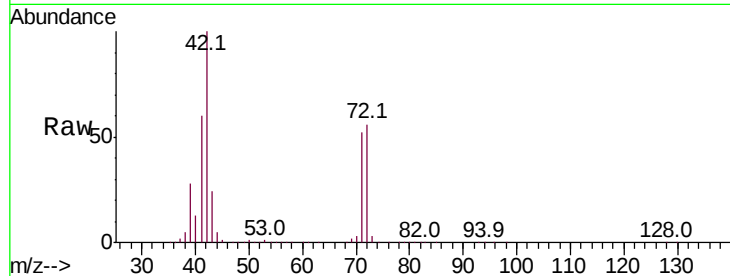
71 52.8 43.4 65.2

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#42

Bromodichloromethane

Concen: 9.784 ppbv

RT: 7.77 min Scan# 1549

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

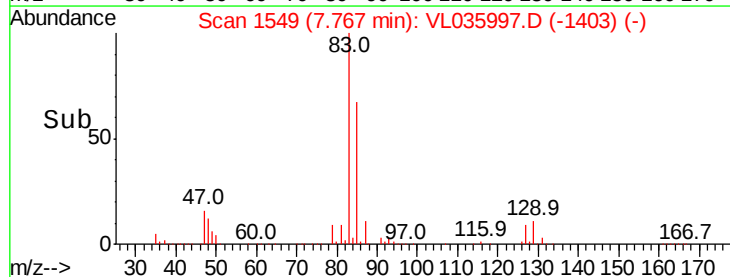
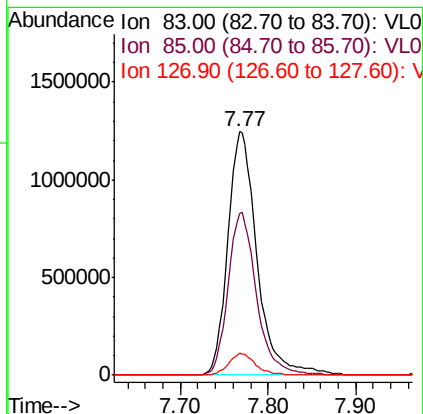
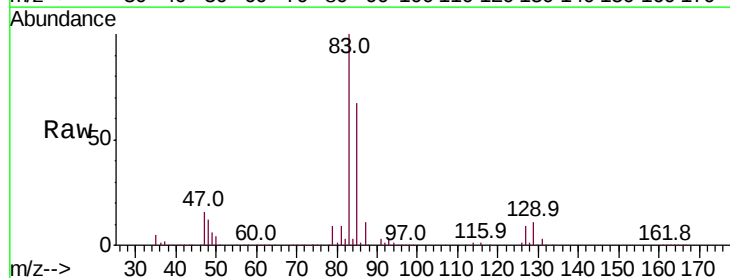
Tgt Ion: 83 Resp: 2890237

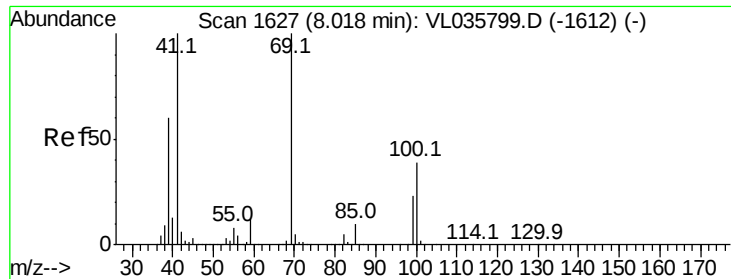
Ion Ratio Lower Upper

83 100

85 66.6 53.1 79.7

127 9.1 7.3 10.9





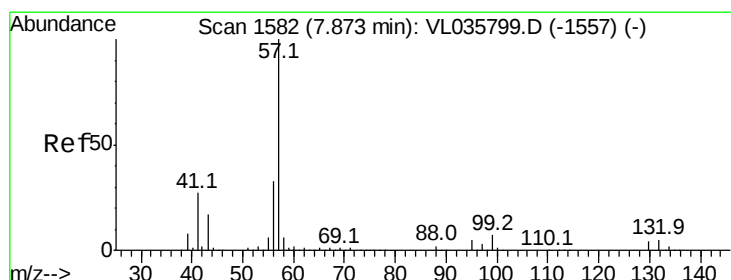
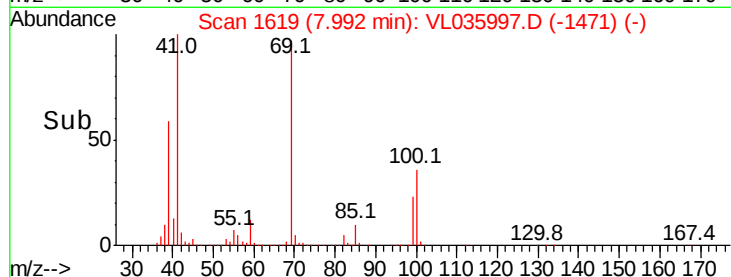
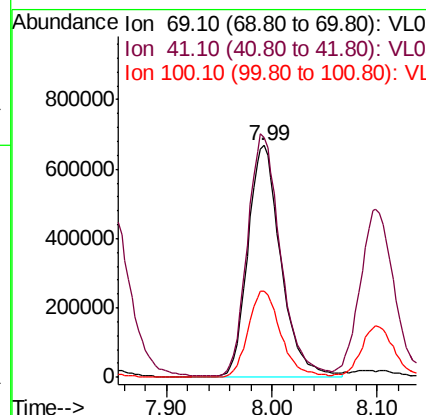
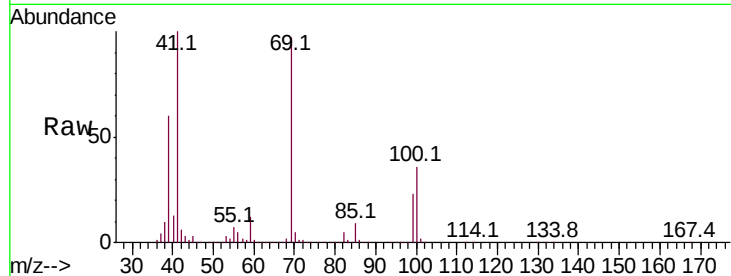
#43
Methvl Methacrylate
Concen: 9.871 ppbv
RT: 7.99 min Scan# 1619
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 69 Resp: 1454903
Ion Ratio Lower Upper
69 100
41 106.2 81.1 121.7
100 37.2 31.0 46.4

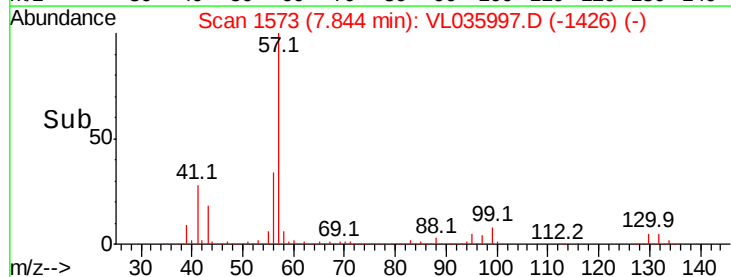
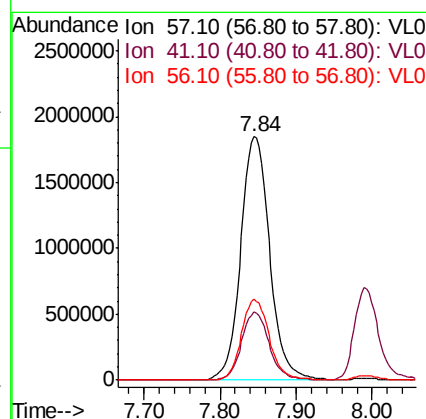
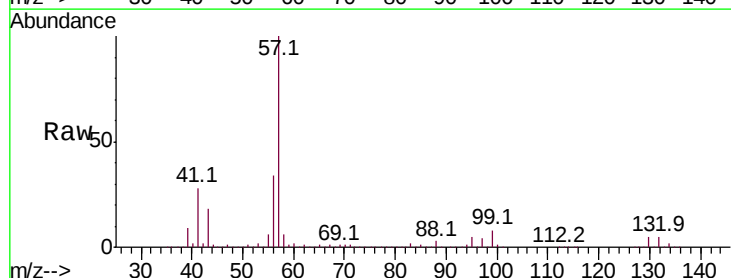
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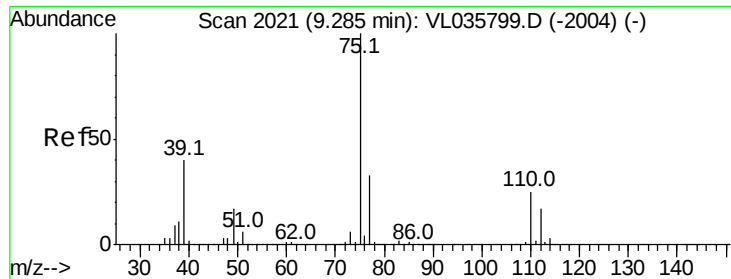
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#44
2,2,4-Trimethylpentane
Concen: 9.521 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 57 Resp: 4868634
Ion Ratio Lower Upper
57 100
41 26.9 21.0 31.4
56 32.0 25.4 38.0





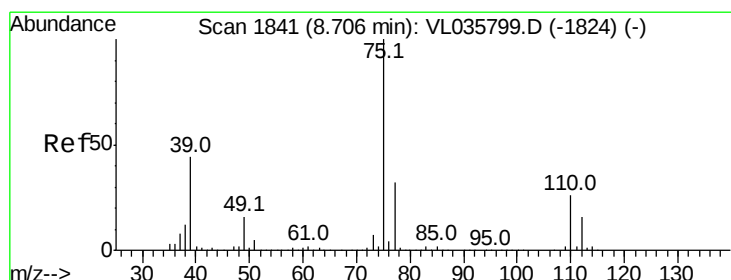
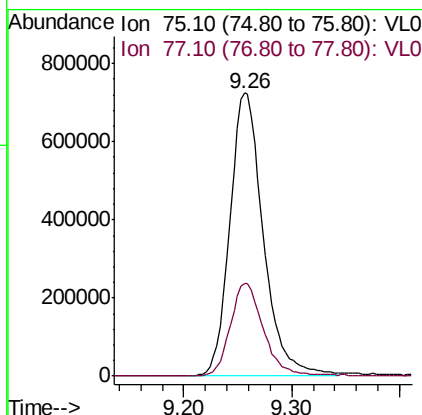
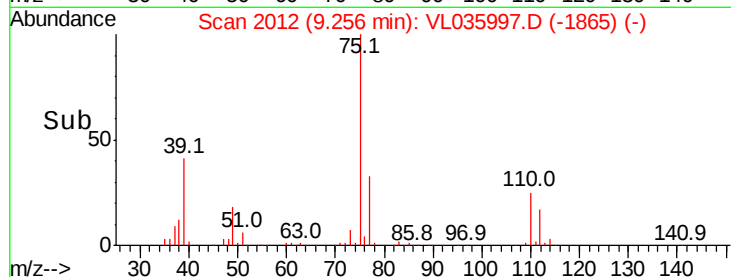
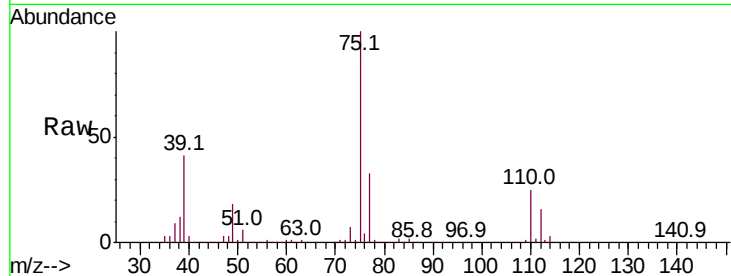
#45
t-1,3-Dichloropropene
Concen: 10.008 ppbv
RT: 9.26 min Scan# 2012
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 75 Resp: 1563810
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6

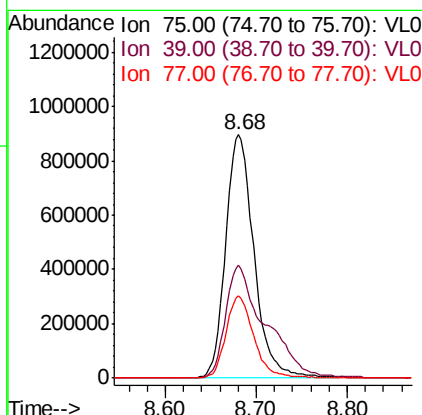
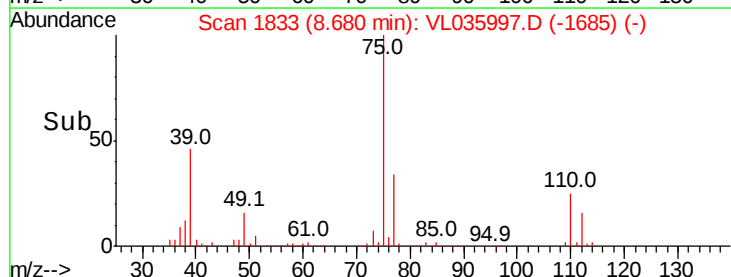
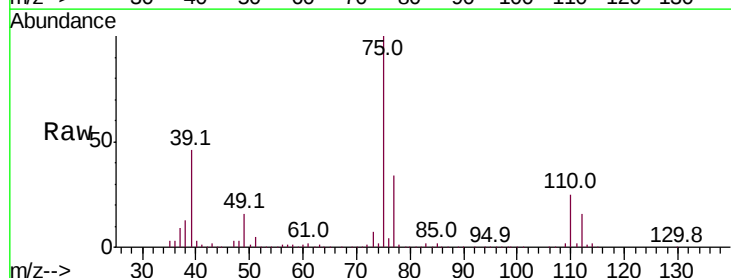
Manual Integrations
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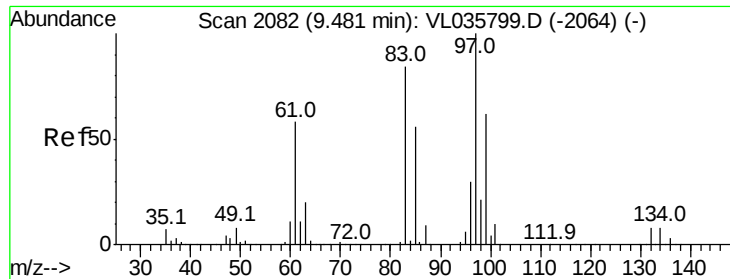
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#46
cis-1,3-Dichloropropene
Concen: 9.829 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 75 Resp: 1944992
Ion Ratio Lower Upper
75 100
39 46.4 35.1 52.7
77 33.7 25.7 38.5





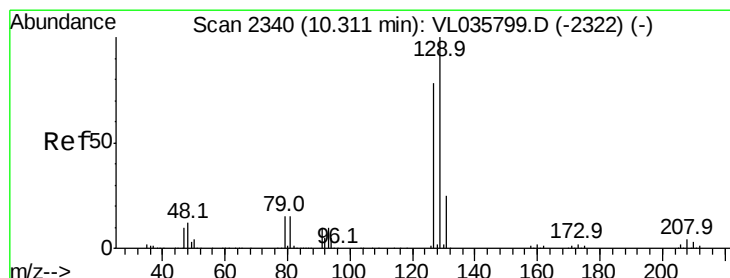
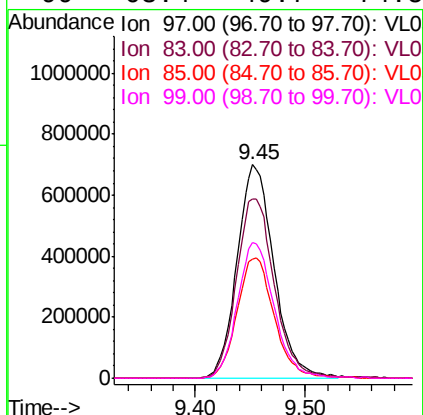
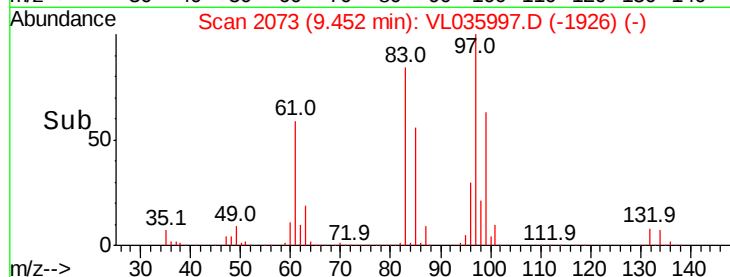
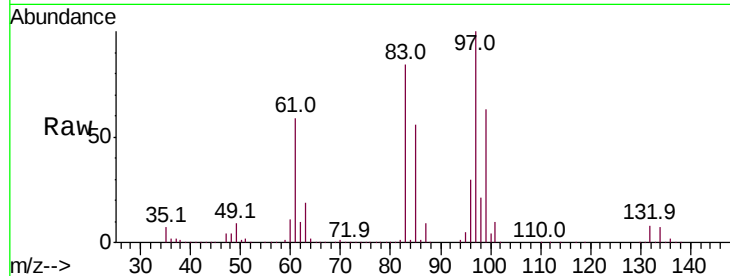
#47
 1,1,2-Trichloroethane
 Concen: 9.136 ppbv
 RT: 9.45 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion: 97 Resp: 1619665
 Ion Ratio Lower Upper
 97 100
 83 83.9 67.1 100.7
 85 55.9 44.7 67.1
 99 63.4 49.7 74.5

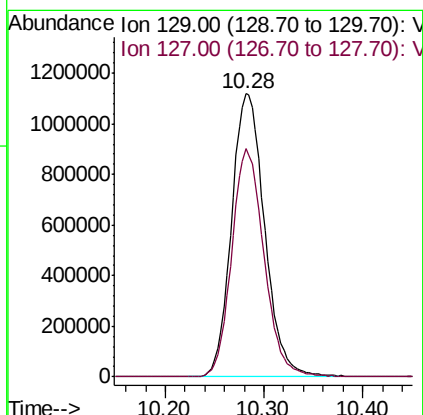
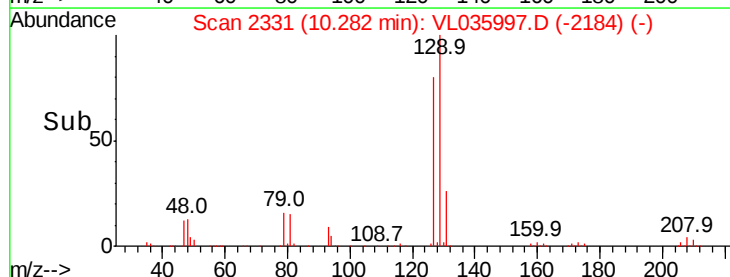
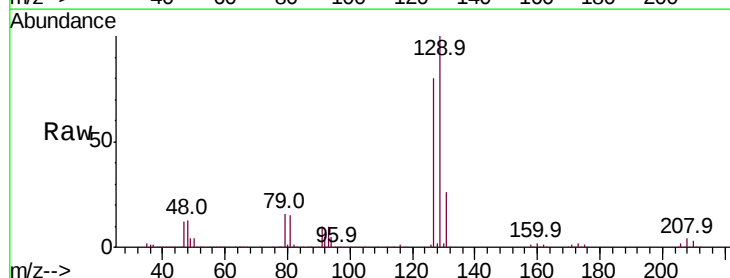
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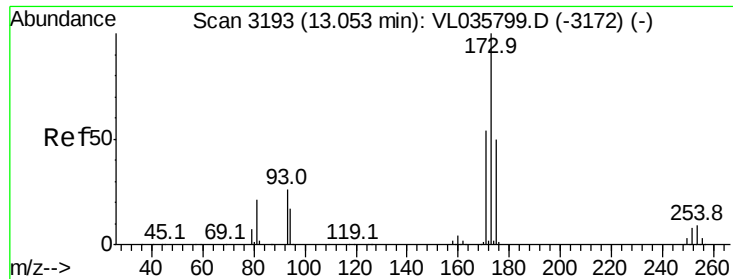
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#48
 Dibromochloromethane
 Concen: 9.647 ppbv
 RT: 10.28 min Scan# 2331
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion: 129 Resp: 2612817
 Ion Ratio Lower Upper
 129 100
 127 78.9 39.2 117.6





#49

Bromoform

Concen: 9.598 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion:173 Resp: 2193373

Ion Ratio Lower Upper

173 100

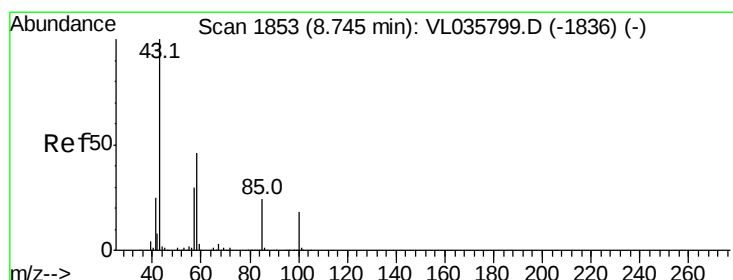
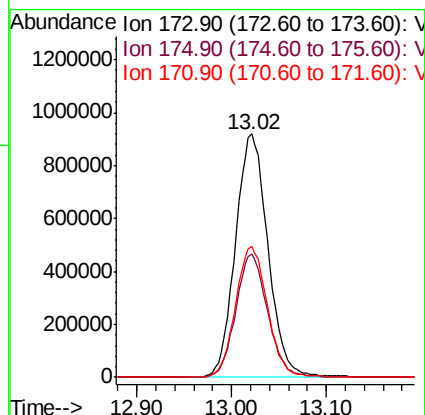
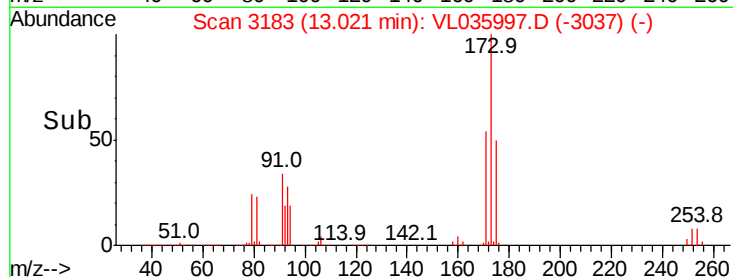
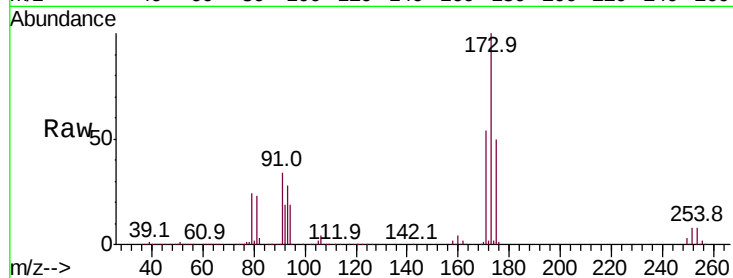
175 49.9 40.1 60.1

171 53.5 42.6 63.8

Manual Integrations
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#50

4-Methyl-2-Pentanone

Concen: 10.395 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. -0.03 min

Lab File: VL035997.D

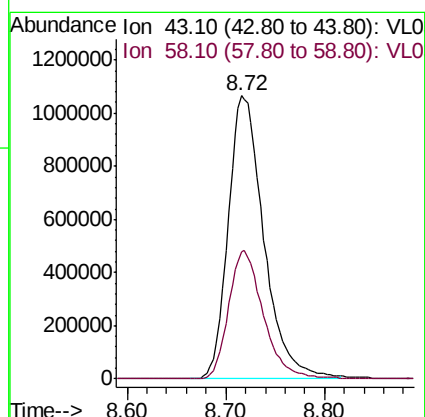
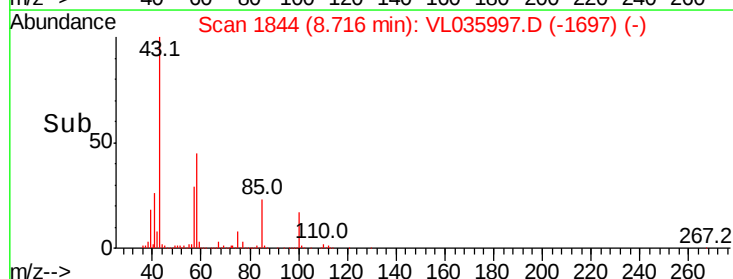
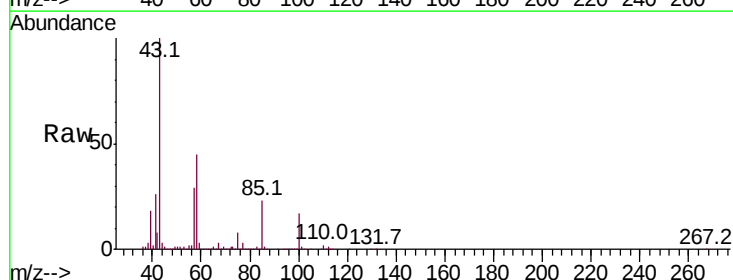
Acq: 24 Nov 2020 16:29

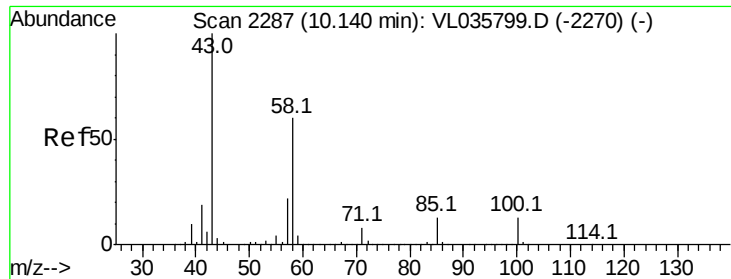
Tgt Ion: 43 Resp: 2681570

Ion Ratio Lower Upper

43 100

58 44.6 36.0 54.0





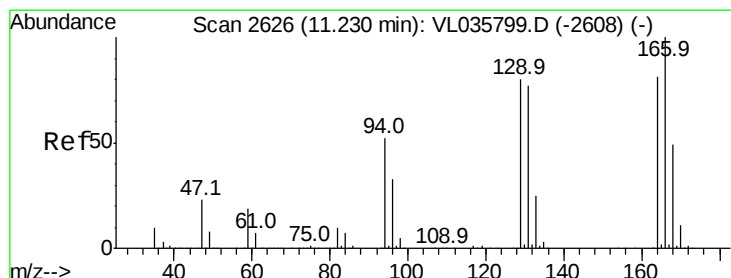
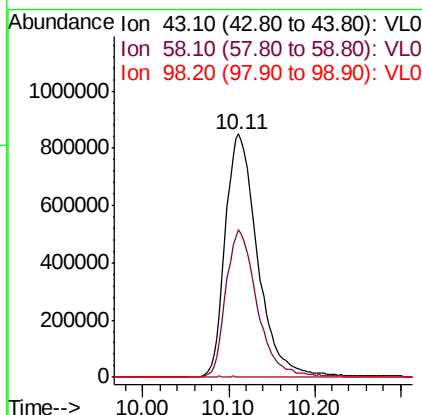
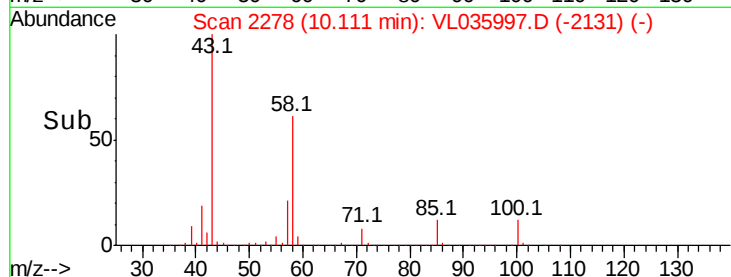
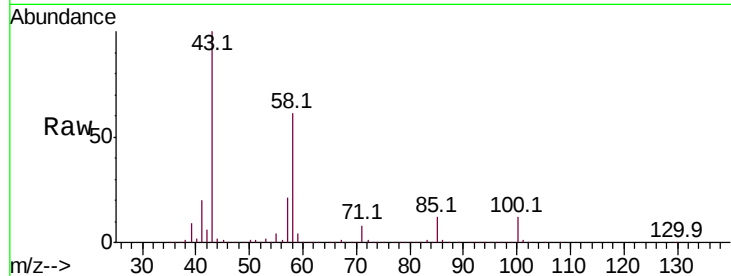
#51
2-Hexanone
Concen: 10.724 ppbv
RT: 10.11 min Scan# 2278
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 43 Resp: 2222279
Ion Ratio Lower Upper
43 100
58 59.4 48.3 72.5
98 0.8 0.6 0.8

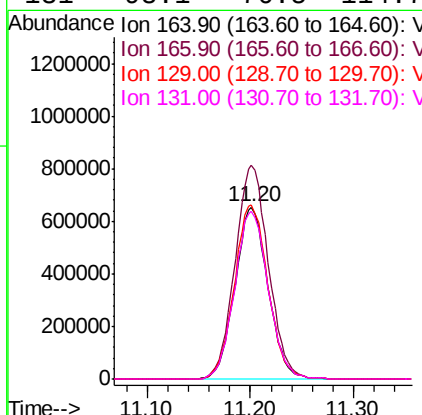
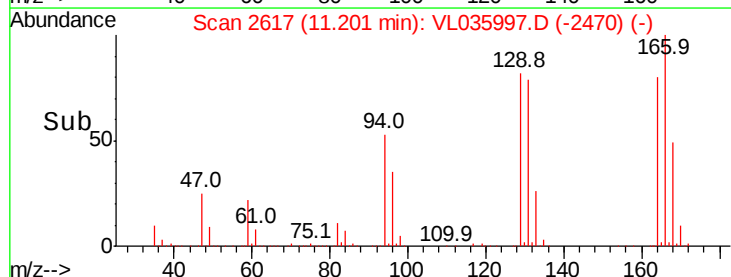
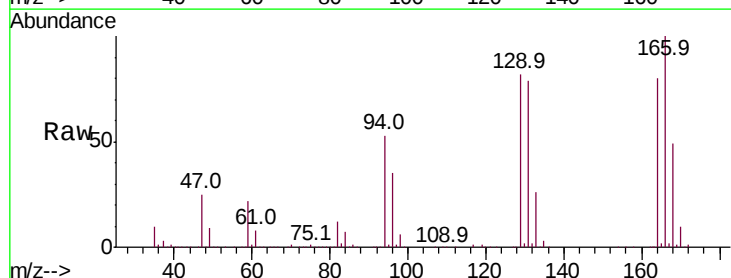
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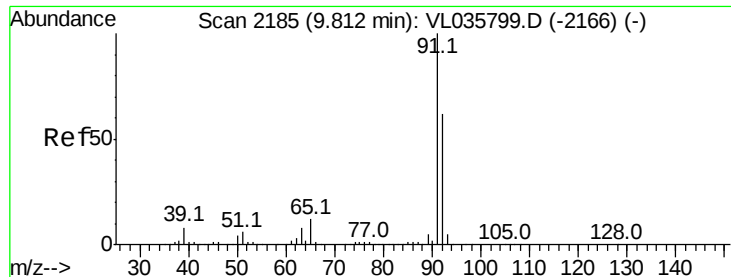
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#52
Tetrachloroethene
Concen: 7.944 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion:164 Resp: 1454373
Ion Ratio Lower Upper
164 100
166 124.5 99.3 148.9
129 101.7 79.3 118.9
131 98.1 76.5 114.7





#53

Toluene

Concen: 9.041 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion: 91 Resp: 4215679

Ion Ratio Lower Upper

91 100

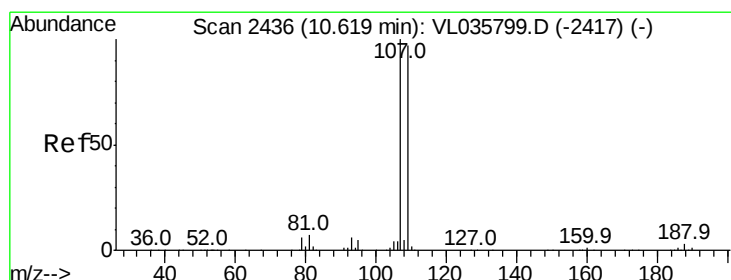
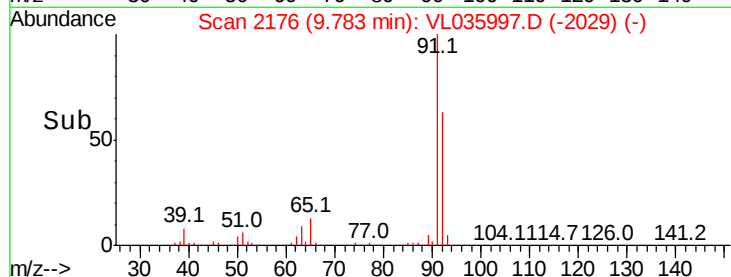
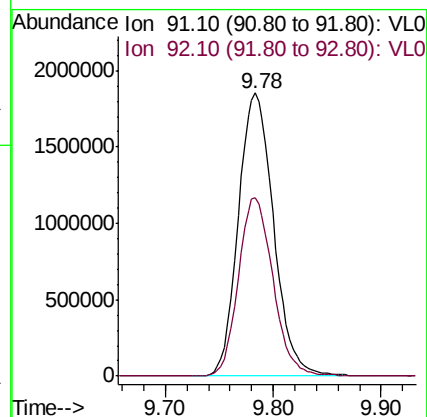
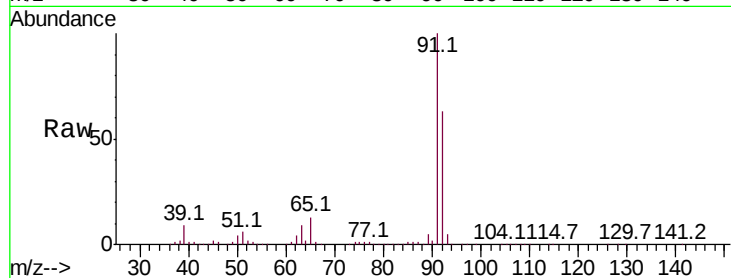
92 62.2 49.8 74.6

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#54

1,2-Dibromoethane

Concen: 9.160 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.03 min

Lab File: VL035997.D

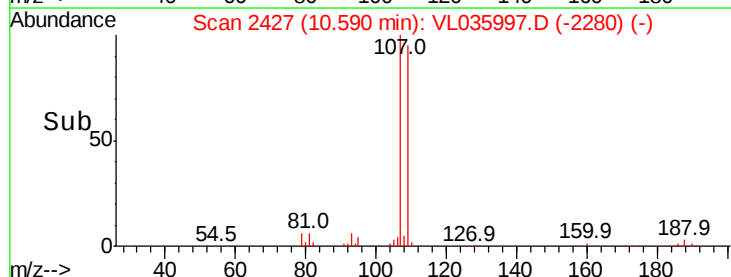
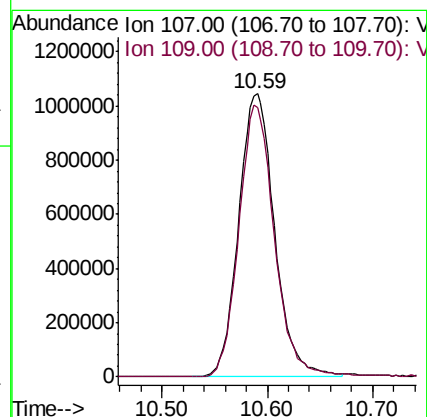
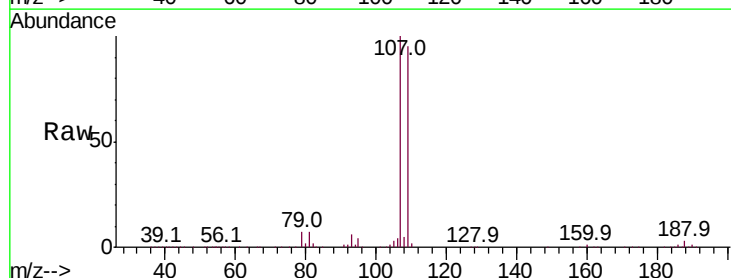
Acq: 24 Nov 2020 16:29

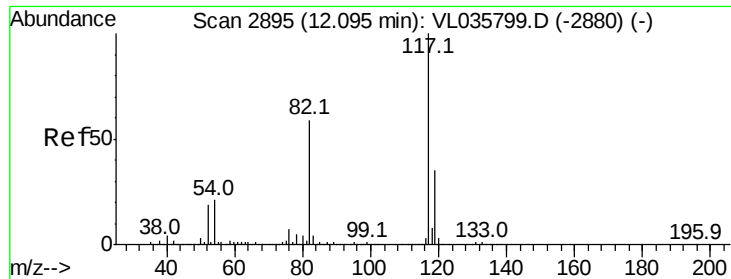
Tgt Ion: 107 Resp: 2469632

Ion Ratio Lower Upper

107 100

109 95.3 77.2 115.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion:117 Resp: 5076503

Ion Ratio Lower Upper

117 100

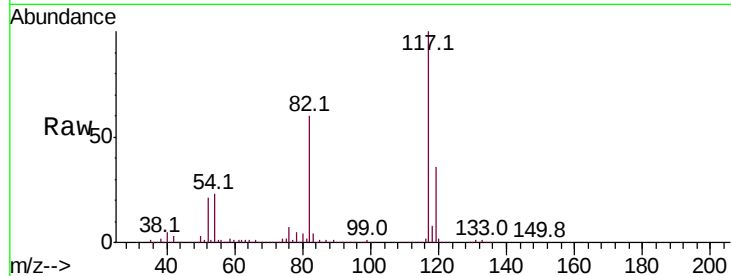
82 60.8 50.6 76.0

119 32.8 52.6 78.8#

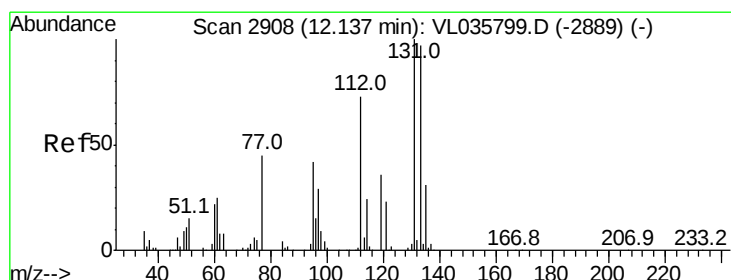
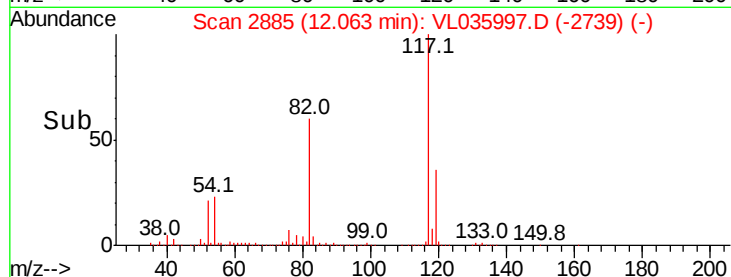
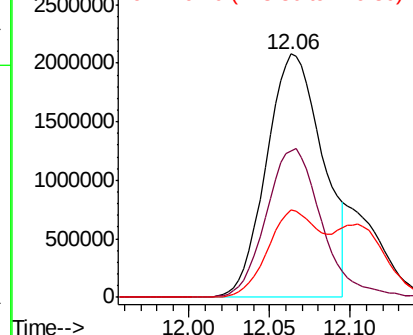
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Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 8.889 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

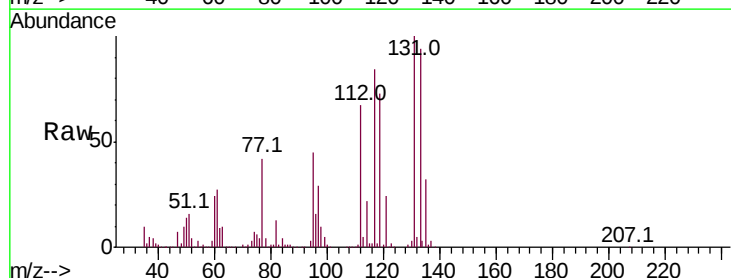
Tgt Ion:131 Resp: 2025254

Ion Ratio Lower Upper

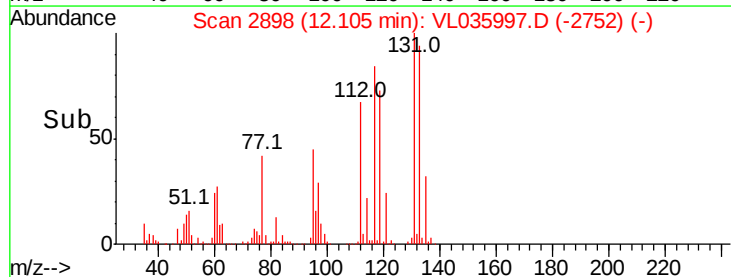
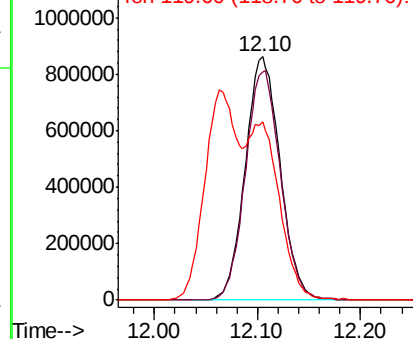
131 100

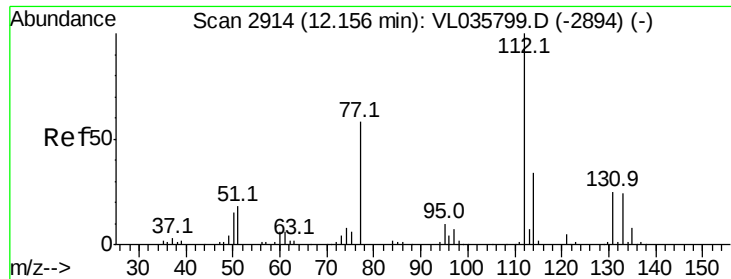
133 95.1 76.8 115.2

119 63.4 47.4 71.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





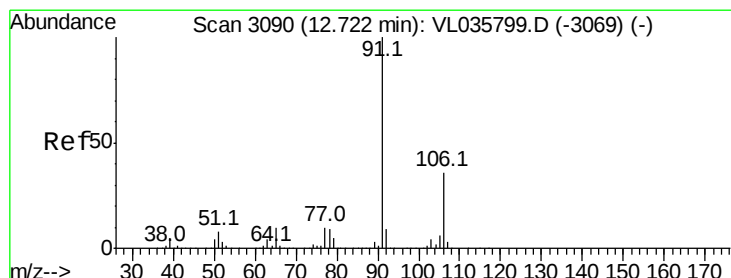
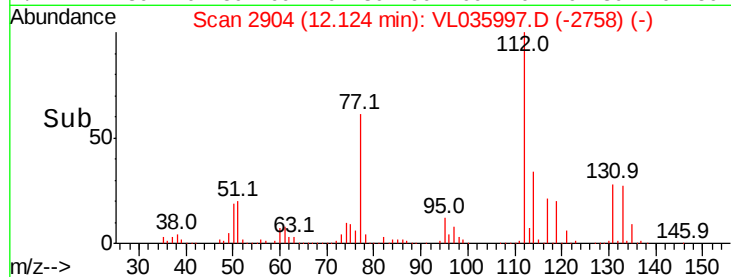
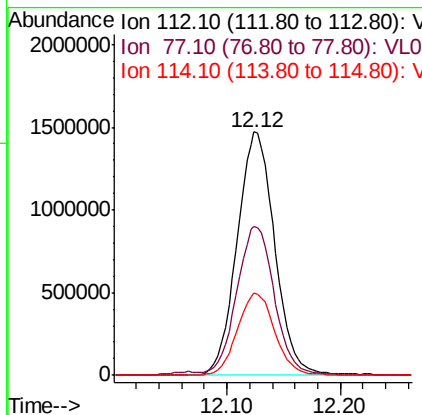
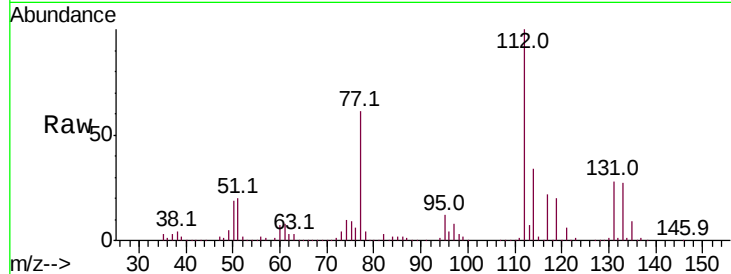
#57
Chlorobenzene
Concen: 8.429 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion: 112 Resp: 3402333
Ion Ratio Lower Upper
112 100
77 60.6 47.5 71.3
114 33.7 30.3 37.1

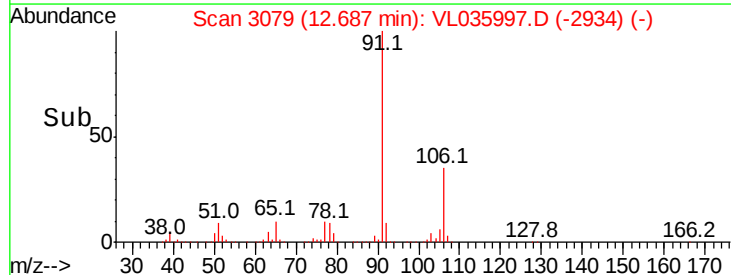
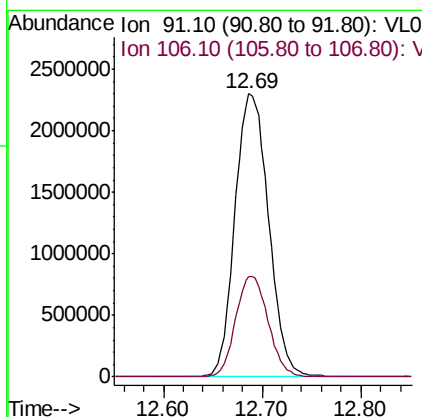
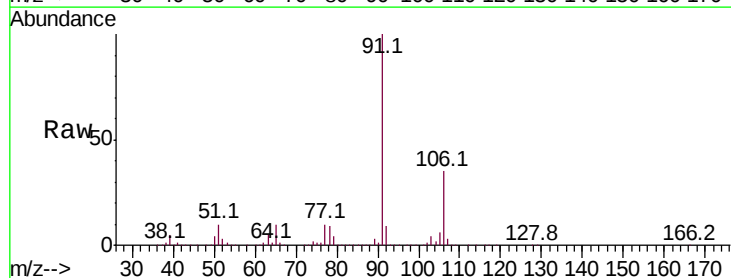
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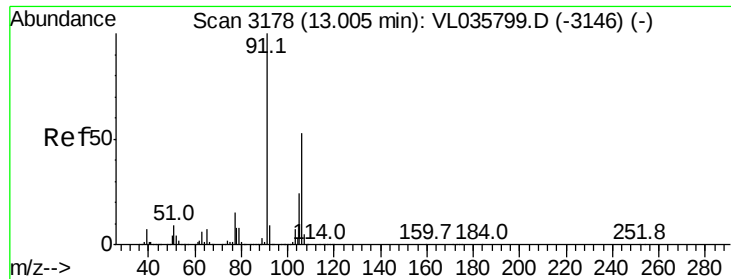
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#58
Ethyl Benzene
Concen: 8.809 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.04 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 91 Resp: 5446164
Ion Ratio Lower Upper
91 100
106 35.3 28.6 43.0





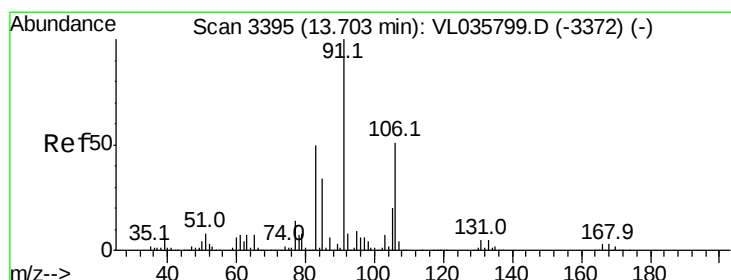
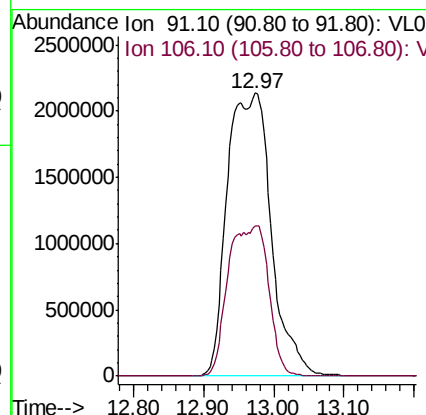
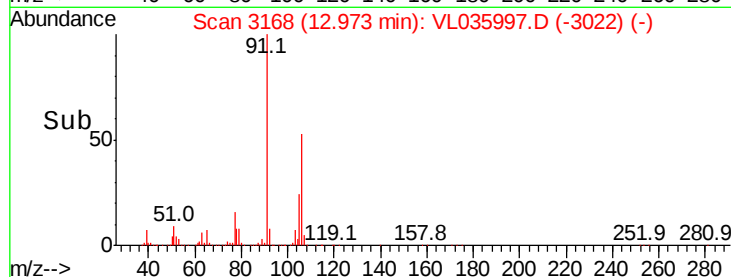
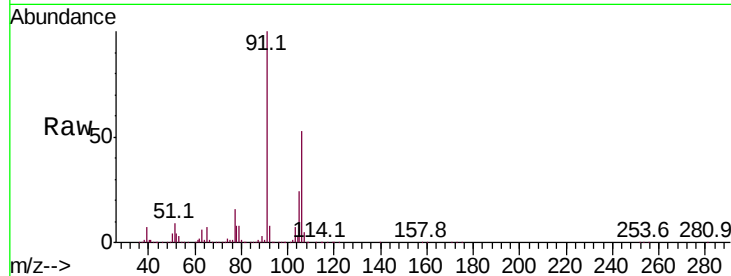
#59
m/p-Xylene
Concen: 17.766 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampled :
VL1124ABS01

Tot Ion: 91 Resp: 9293461
Ion Ratio Lower Upper
91 100
106 49.2 39.5 59.3

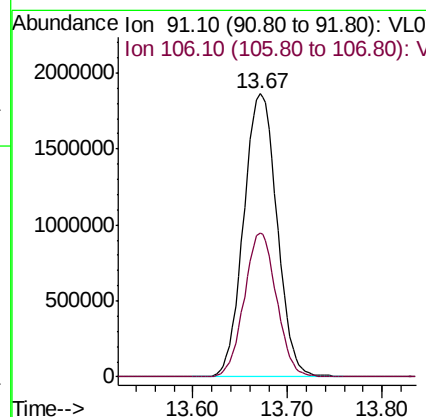
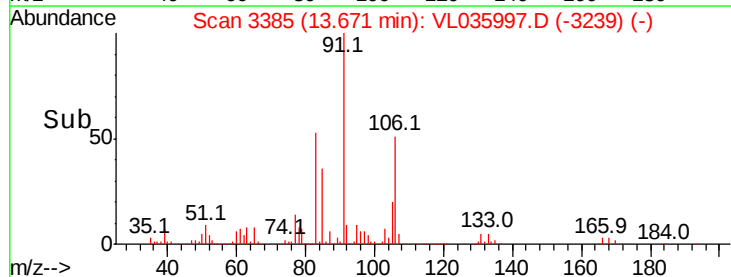
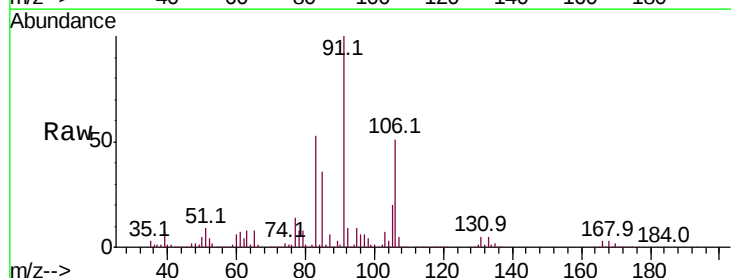
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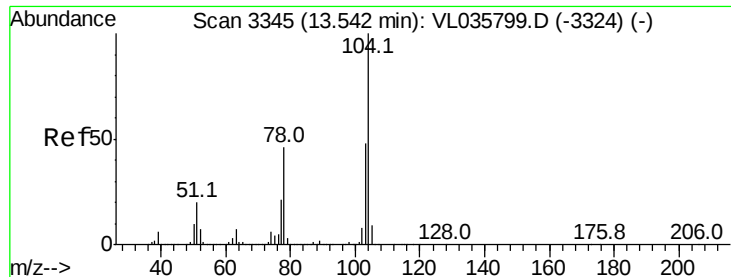
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#60
o-Xylene
Concen: 8.966 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 91 Resp: 4562727
Ion Ratio Lower Upper
91 100
106 49.2 24.8 74.4





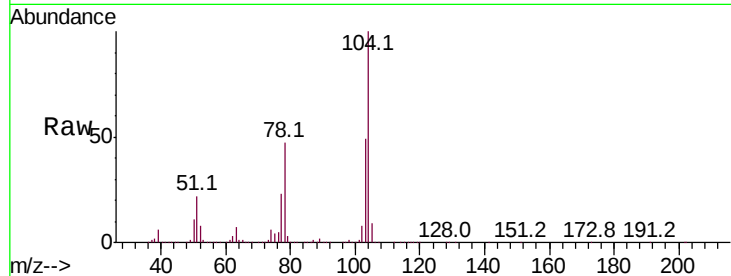
#61
Stvrene
Concen: 9.212 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.04 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

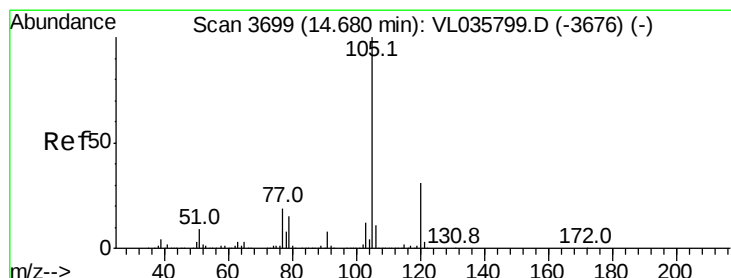
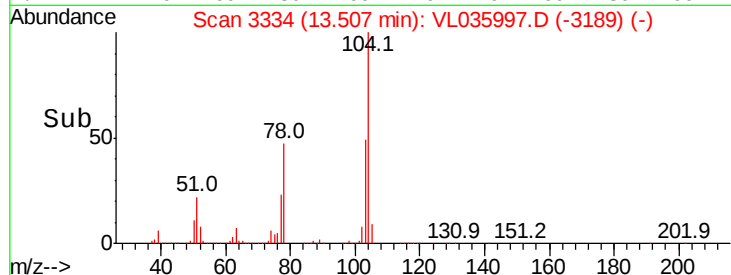
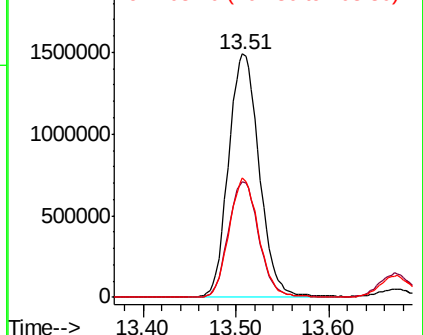
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.1	55.7
103	47.5	37.9	56.9

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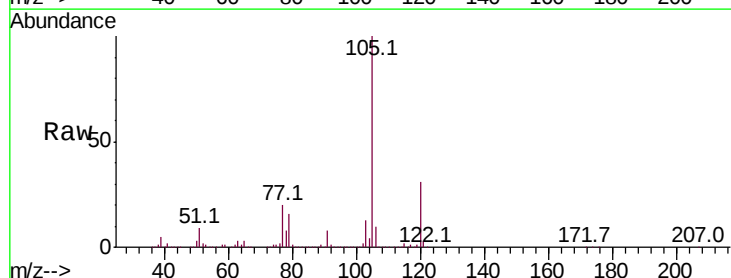


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

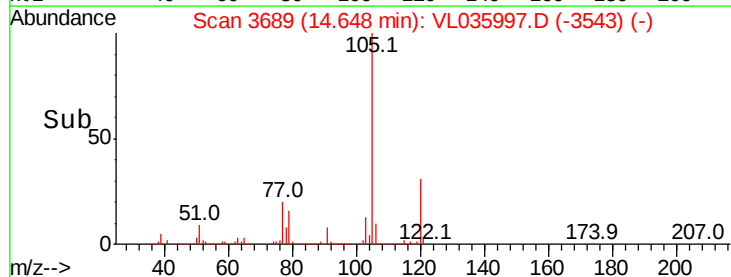
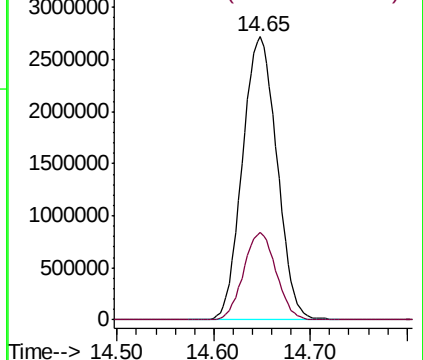


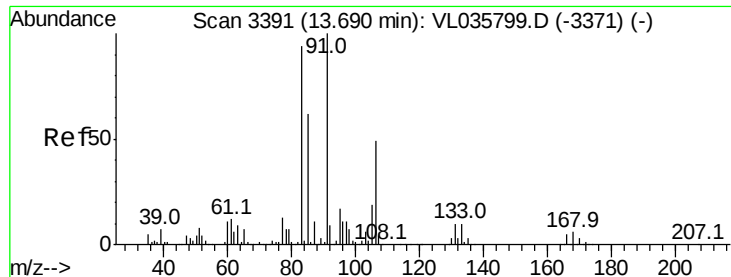
#62
Isopropylbenzene
Concen: 8.418 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.5	35.3



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





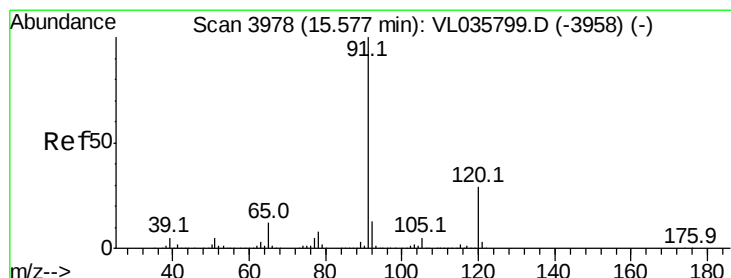
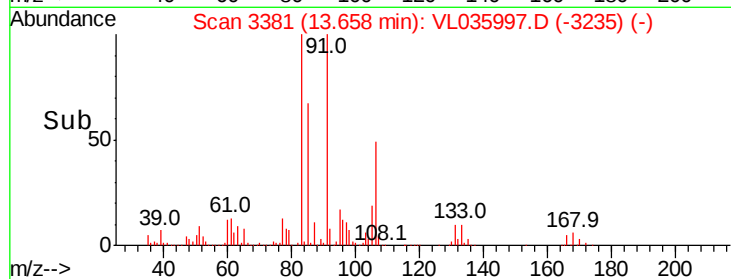
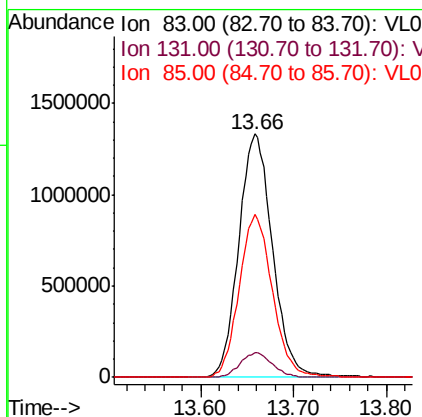
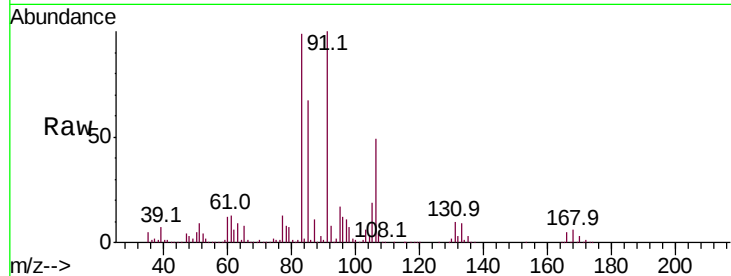
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.528 ppbv
 RT: 13.66 min Scan# 3381
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion: 83 Resp: 3362620
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.8
 85 66.4 33.5 100.4

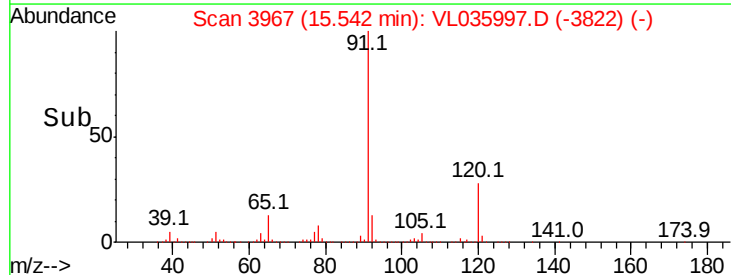
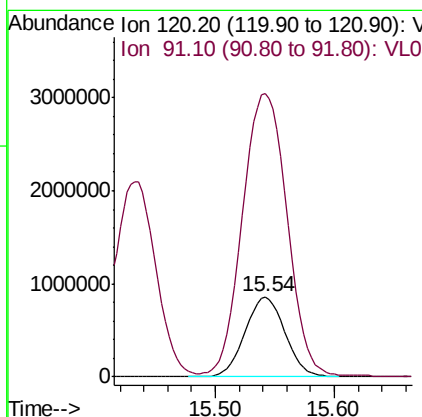
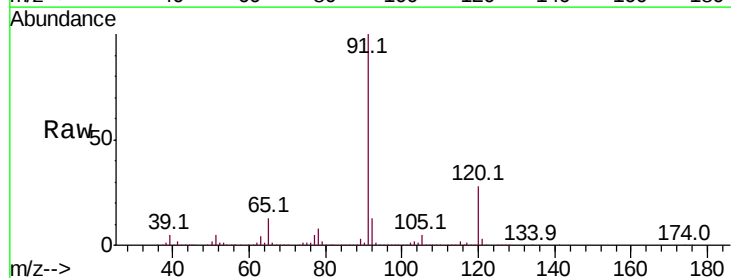
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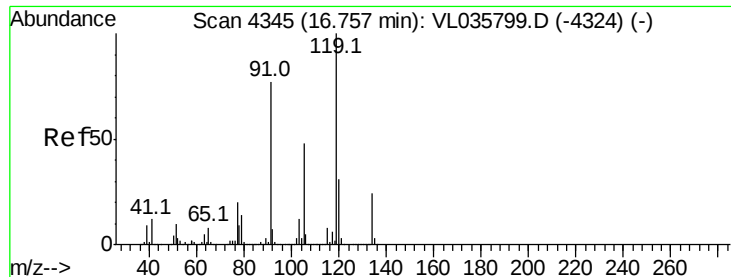
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#64
 n-propylbenzene
 Concen: 8.675 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. -0.04 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion:120 Resp: 2005568
 Ion Ratio Lower Upper
 120 100
 91 395.4 311.1 466.7





#65

tert-Butylbenzene

Concen: 8.340 ppbv

RT: 16.73 min Scan# 4335

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion:119 Resp: 6071460

Ion Ratio Lower Upper

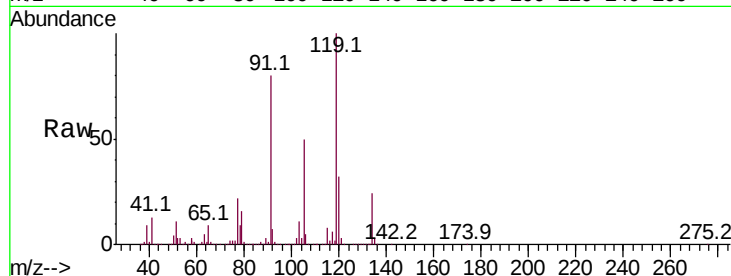
119 100

91 79.4 62.0 93.0

134 22.0 17.8 26.8

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Abundance Ion 119.20 (118.90 to 119.90): V

3000000 Ion 91.10 (90.80 to 91.80): VL0

2500000 Ion 134.20 (133.90 to 134.90): V

2000000

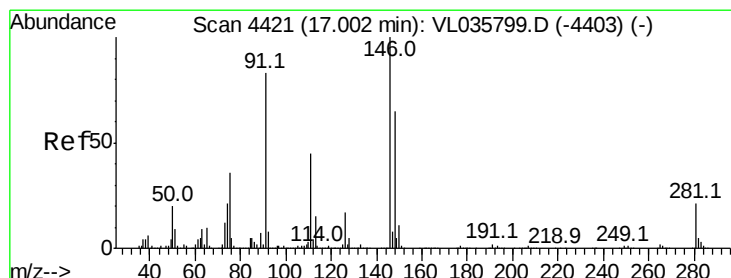
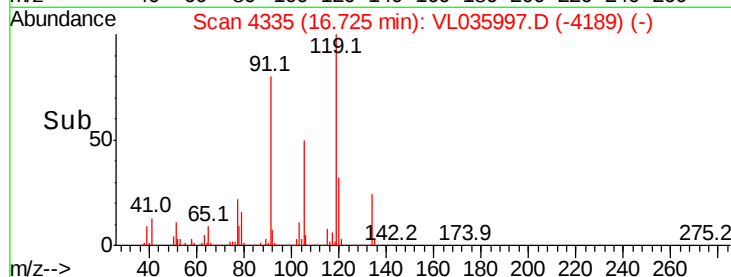
1500000

1000000

500000

0

Time--> 16.60 16.70 16.80



#66

Benzyl Chloride

Concen: 9.703 ppbv

RT: 16.97 min Scan# 4411

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

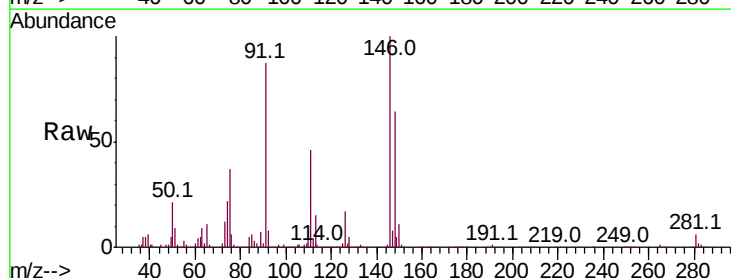
Tgt Ion: 91 Resp: 2334748

Ion Ratio Lower Upper

91 100

126 18.8 16.0 24.0

128 6.2 5.0 7.4



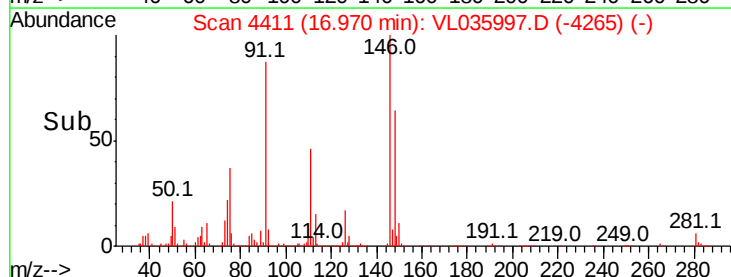
Abundance Ion 91.10 (90.80 to 91.80): VL0

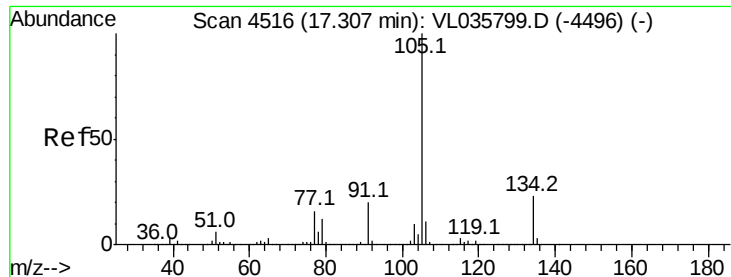
1000000 Ion 126.10 (125.80 to 126.80): V

500000 Ion 128.10 (127.80 to 128.80): V

0

Time--> 16.90 17.00 17.10





#67

sec-Butylbenzene

Concen: 8.343 ppbv

RT: 17.27 min Scan# 4506

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion:105 Resp: 8185044

Ion Ratio Lower Upper

105 100

134 20.9

17.0

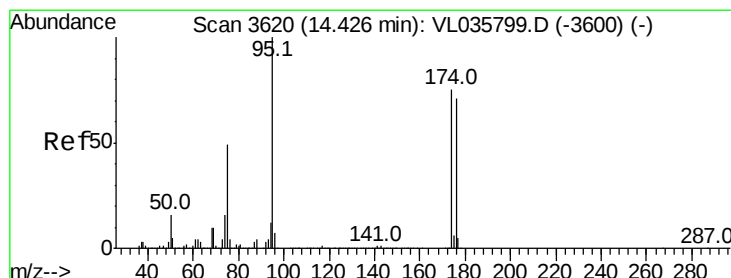
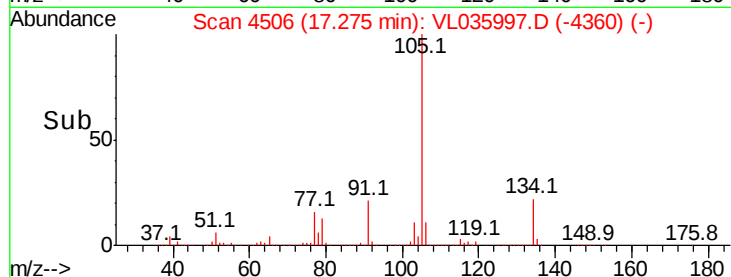
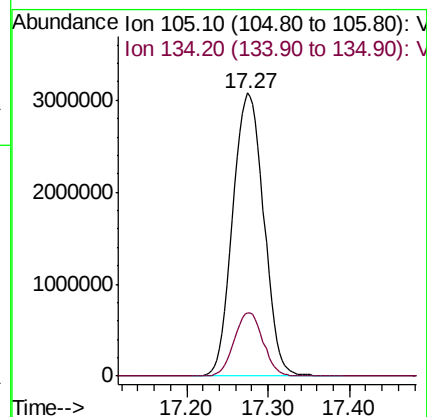
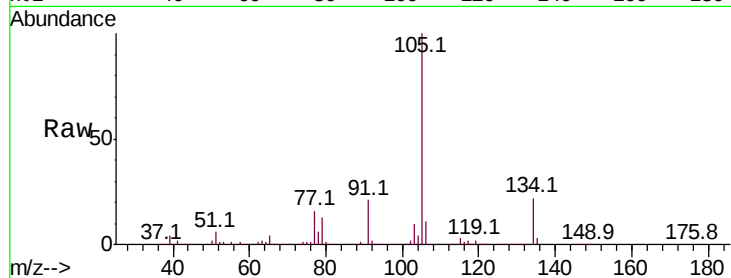
25.6

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.783 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion: 95 Resp: 3889116

Ion Ratio Lower Upper

95 100

174 69.9

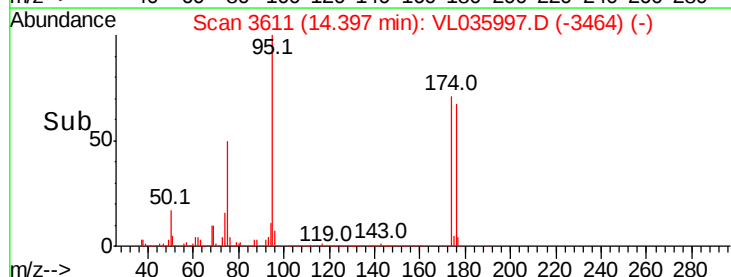
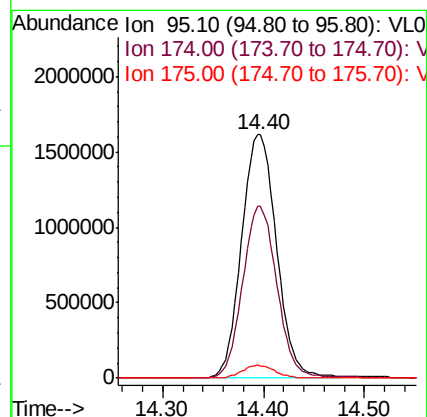
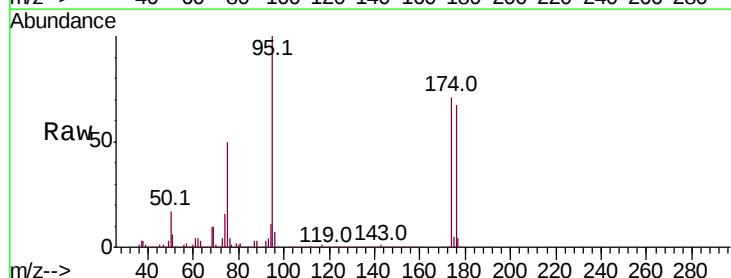
59.8

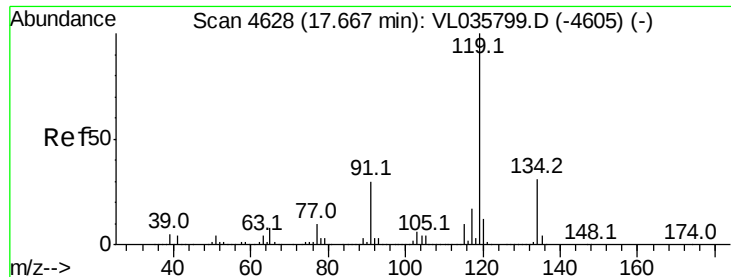
89.6

175 5.0

4.3

6.5





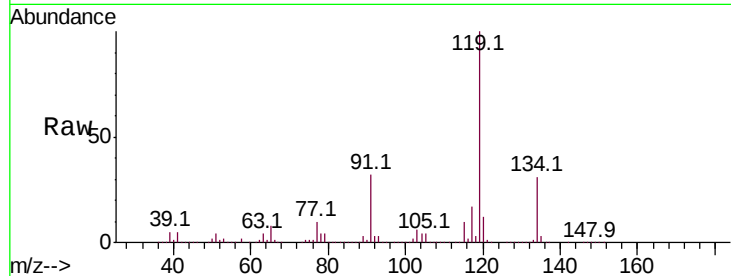
#69
p-Isopropyltoluene
Concen: 8.387 ppbv
RT: 17.64 min Scan# 4618
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

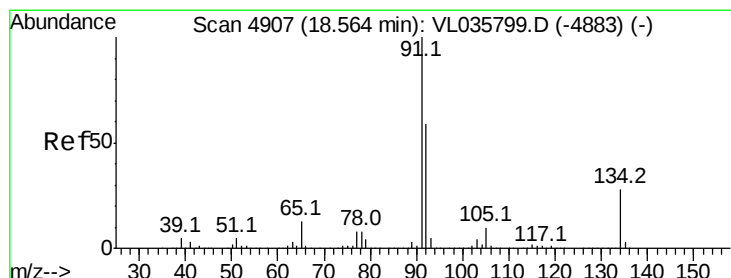
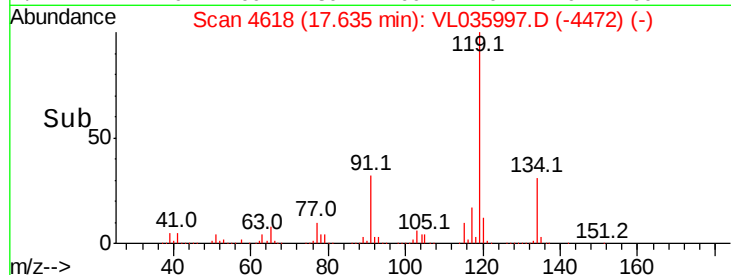
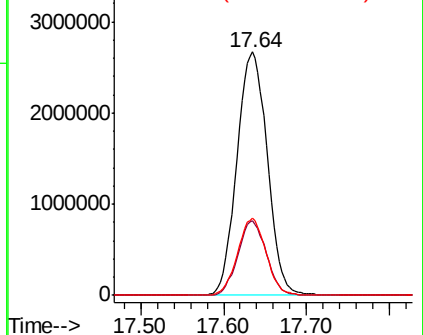
Tot Ion: 119 Resp: 6790417
Ion Ratio Lower Upper
119 100
134 28.6 23.0 34.6
91 29.6 22.8 34.2

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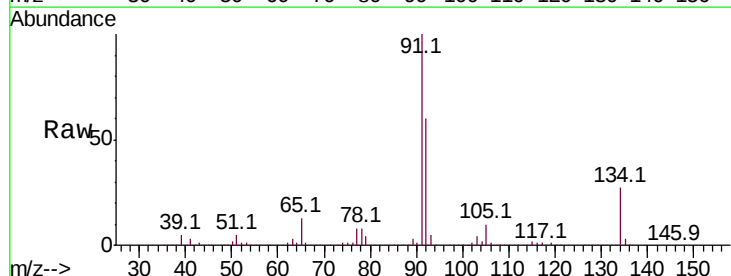


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

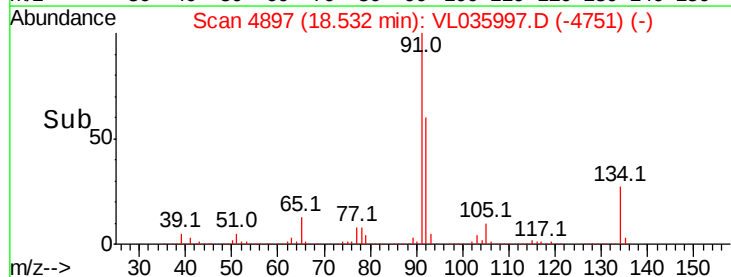
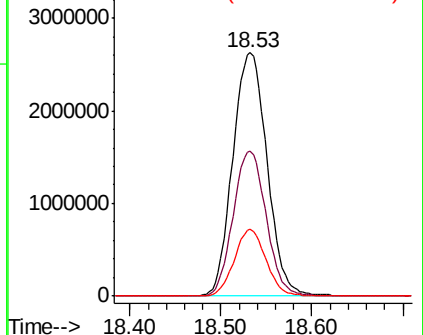


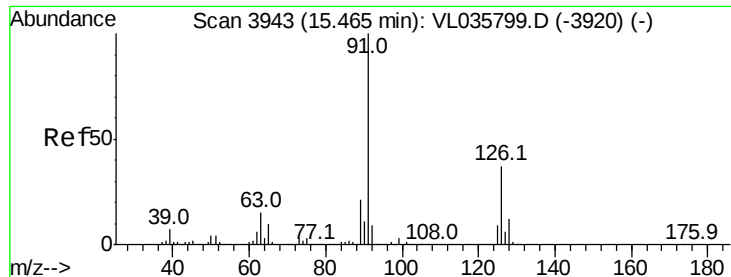
#70
n-Butylbenzene
Concen: 8.827 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion: 91 Resp: 6882354
Ion Ratio Lower Upper
91 100
92 57.6 45.7 68.5
134 25.5 21.0 31.4



Abundance Ion 91.10 (90.80 to 91.80): V
Ion 92.10 (91.80 to 92.80): V
Ion 134.20 (133.90 to 134.90): V





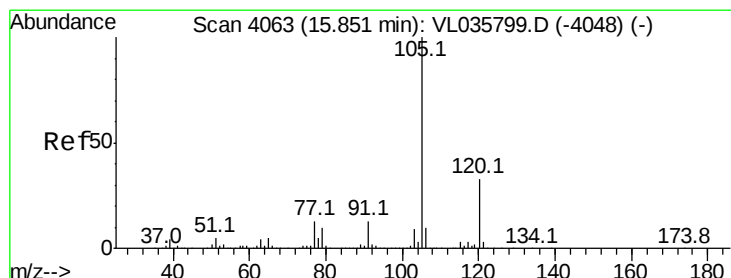
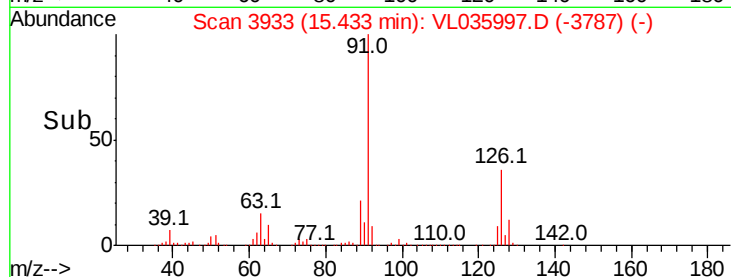
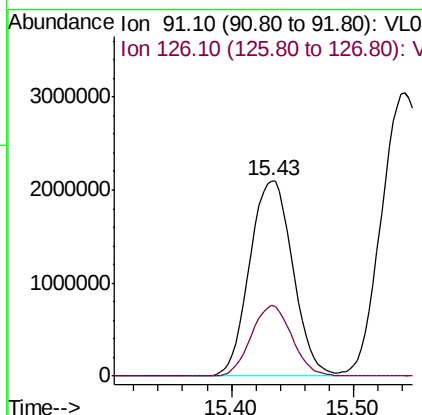
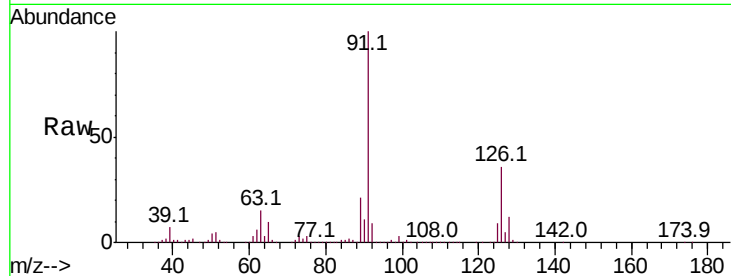
#71
 2-Chlorotoluene
 Concen: 8.805 ppbv
 RT: 15.43 min Scan# 3933
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion: 91 Resp: 5151073
 Ion Ratio Lower Upper
 91 100
 126 34.4 14.3 57.1

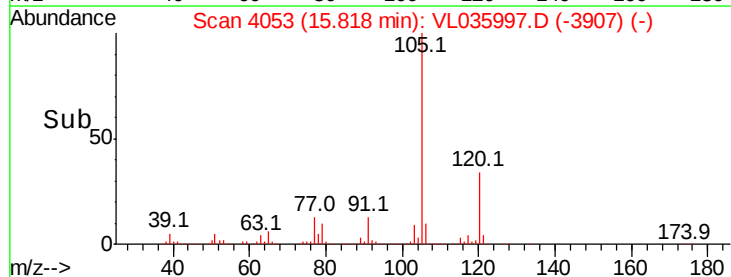
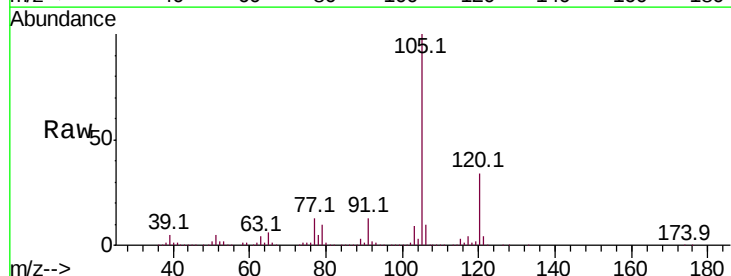
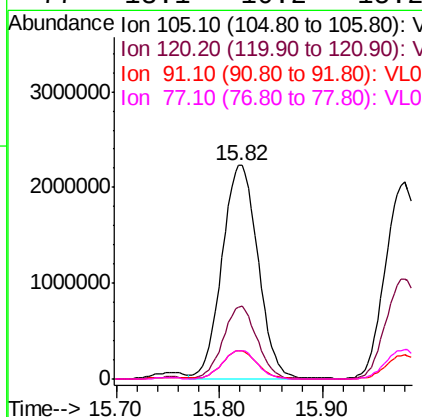
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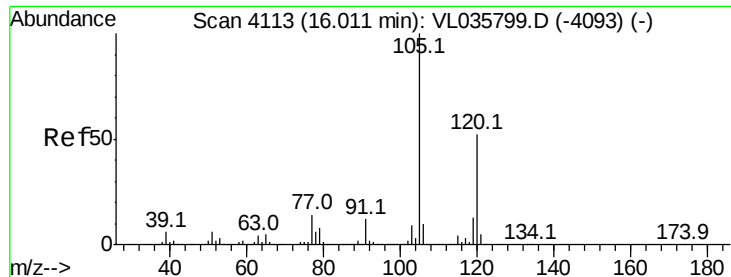
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#72
 4-Ethyltoluene
 Concen: 8.757 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion: 105 Resp: 5404287
 Ion Ratio Lower Upper
 105 100
 120 32.2 25.9 38.9
 91 12.8 9.9 14.9
 77 13.1 10.2 15.2





#73

1,3,5-Trimethylbenzene

Concen: 8.797 ppbv

RT: 15.98 min Scan# 4103

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

Tot Ion:105 Resp: 4968834

Ion Ratio Lower Upper

105 100

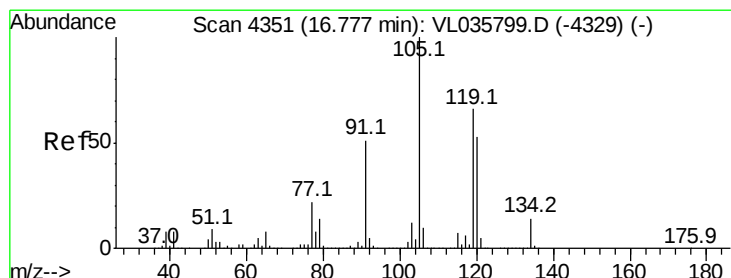
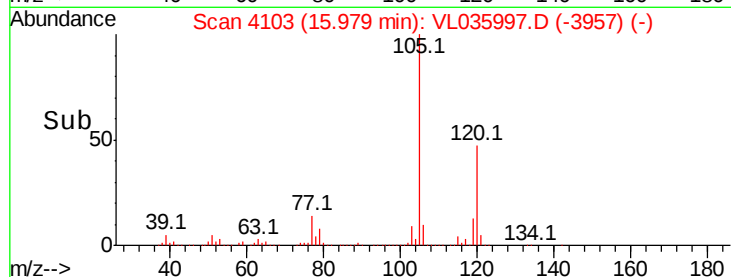
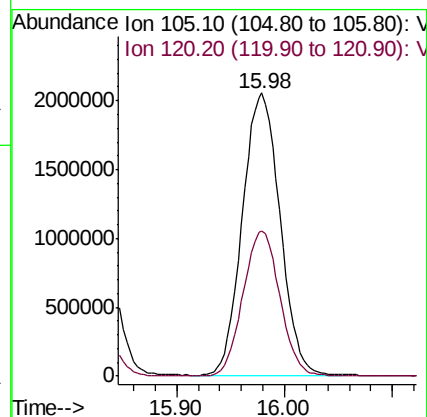
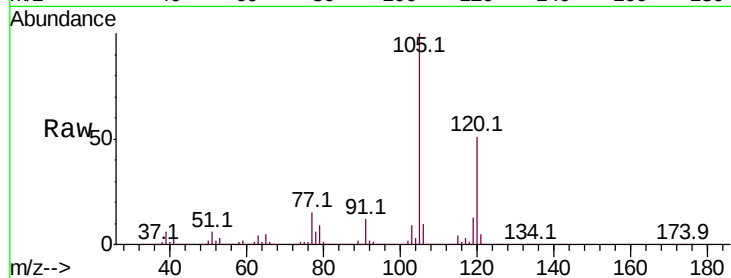
120 51.1 41.4 62.2

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#74

1,2,4-Trimethylbenzene

Concen: 8.674 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL035997.D

Acq: 24 Nov 2020 16:29

Tgt Ion:105 Resp: 5249533

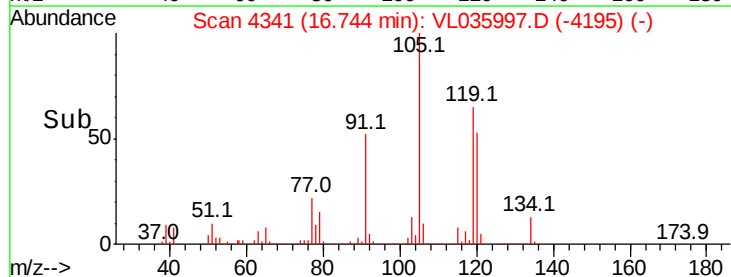
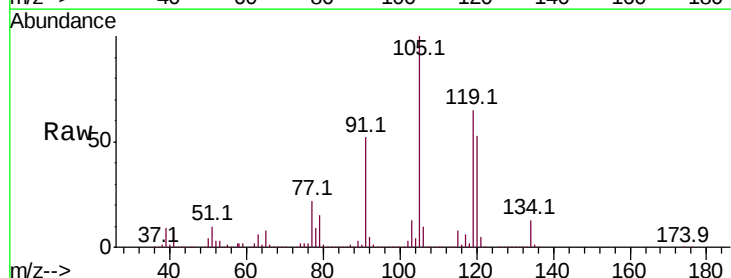
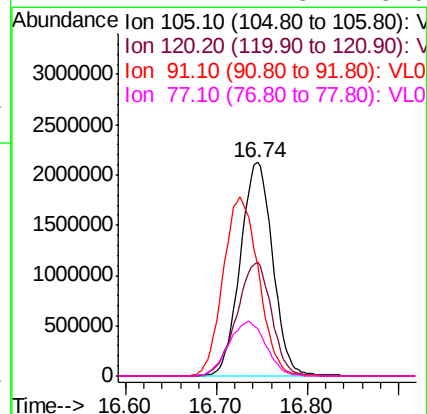
Ion Ratio Lower Upper

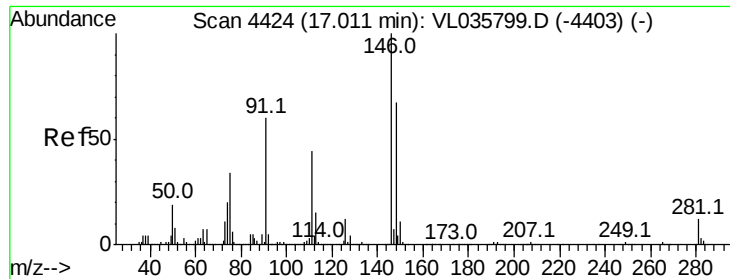
105 100

120 53.1 42.0 63.0

91 51.9 41.0 61.6

77 22.4 17.3 25.9





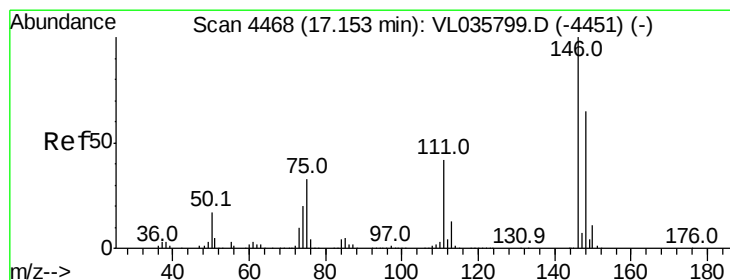
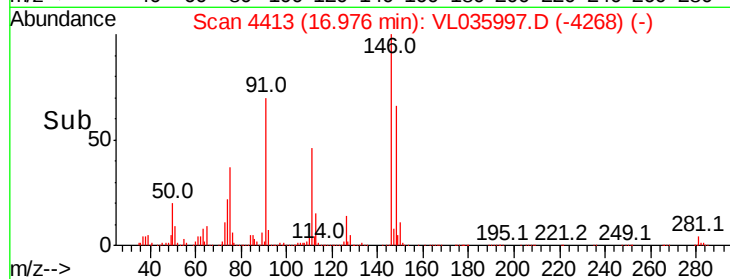
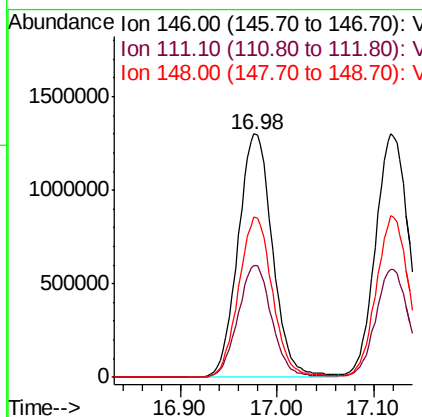
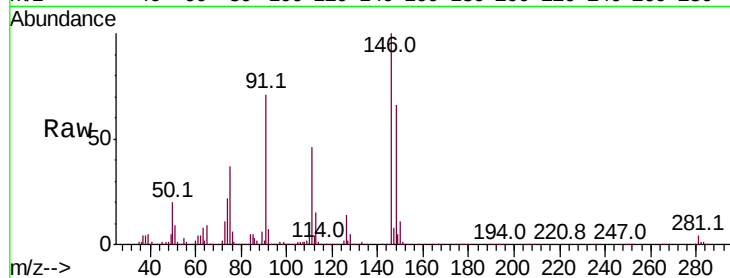
#75
 1,3-Dichlorobenzene
 Concen: 8.379 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T. -0.04 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.8	65.4
148	64.8	32.5	97.5

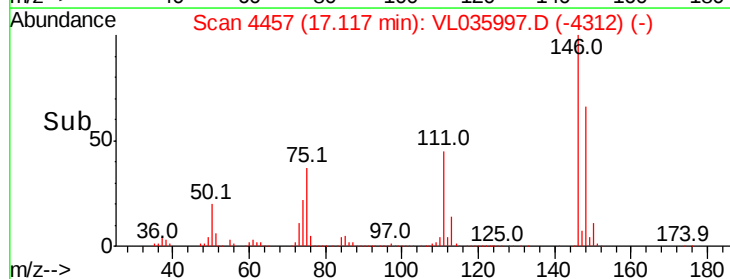
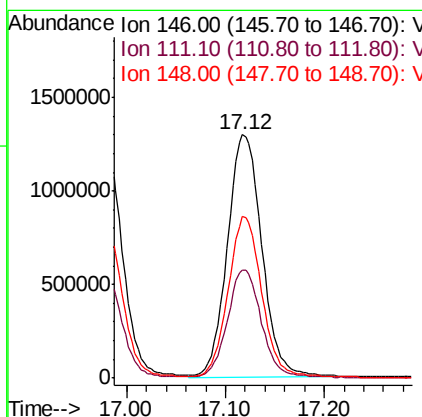
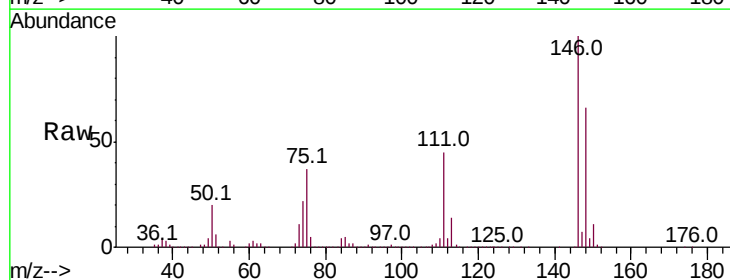
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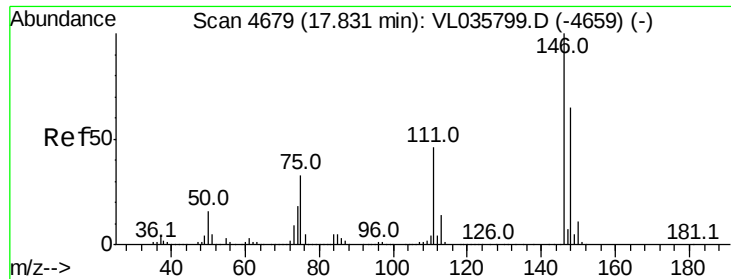
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#76
 1,4-Dichlorobenzene
 Concen: 8.483 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.04 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	63.7
148	65.2	33.0	99.0





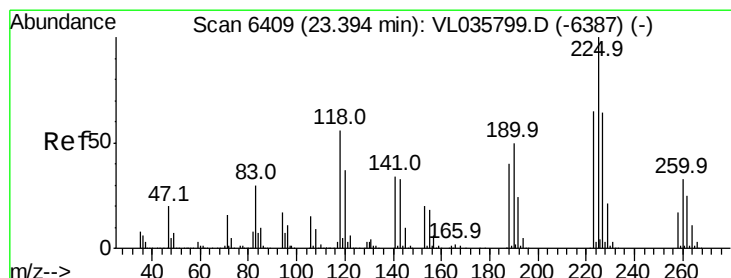
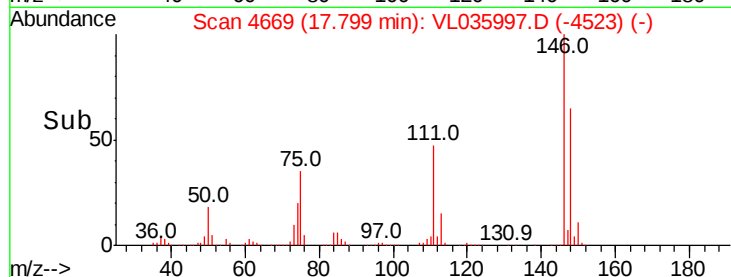
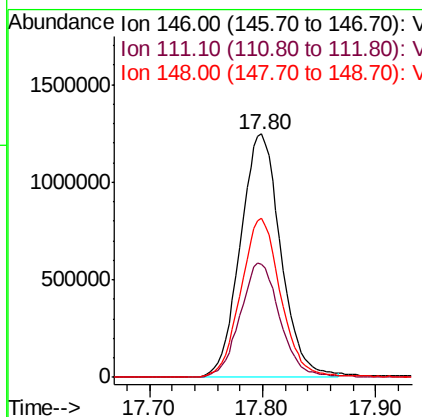
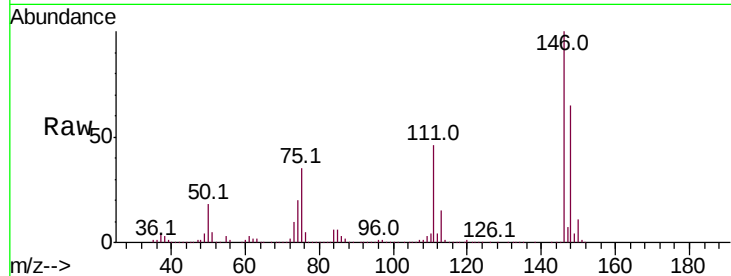
#77
 1,2-Dichlorobenzene
 Concen: 8.201 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. -0.03 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.4	67.0
148	65.1	32.5	97.5

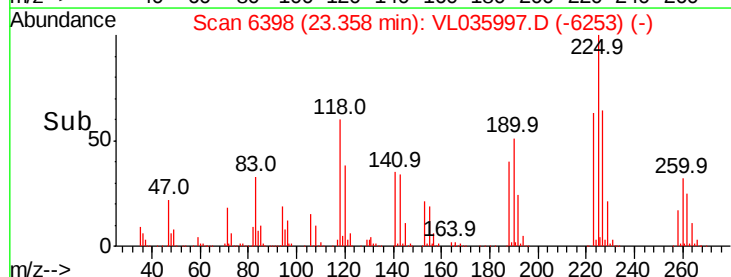
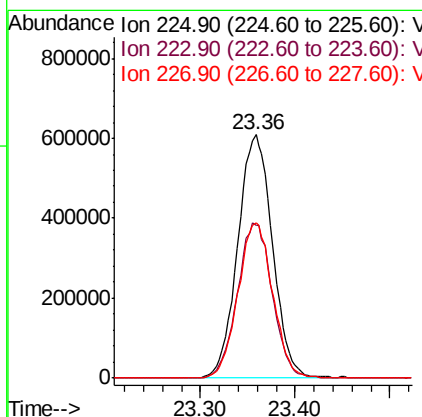
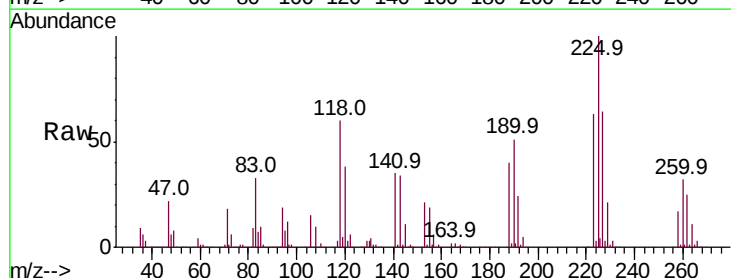
Manual Integrations
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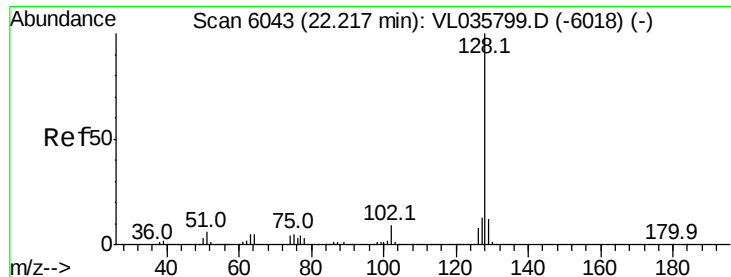
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.849 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. -0.04 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	64.0	51.2	76.8





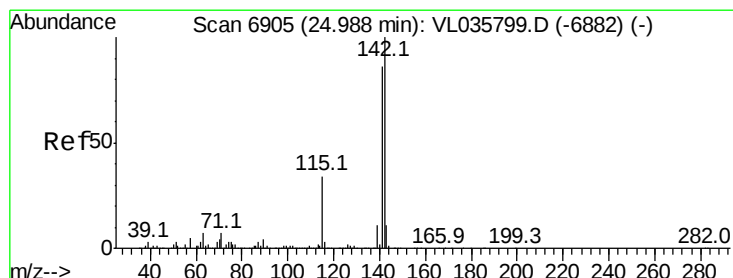
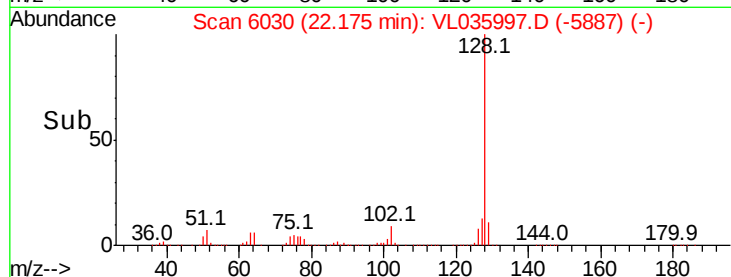
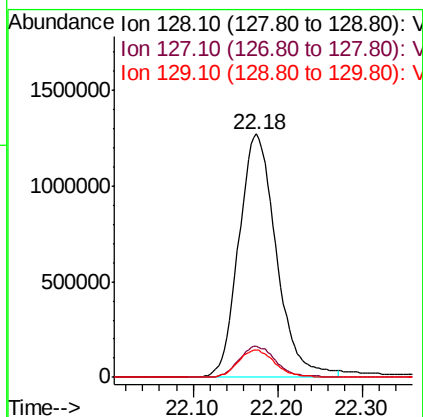
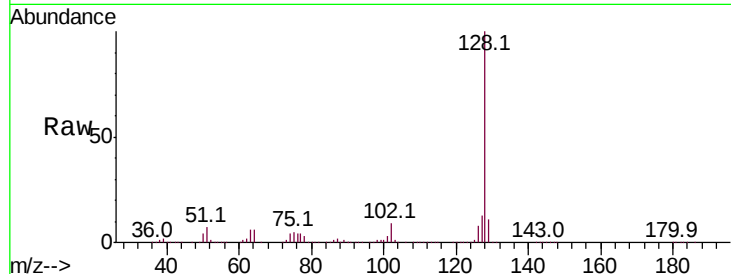
#79
Naphthalene
Concen: 9.340 ppbv
RT: 22.18 min Scan# 6030
Delta R.T. -0.04 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	9.2	13.8

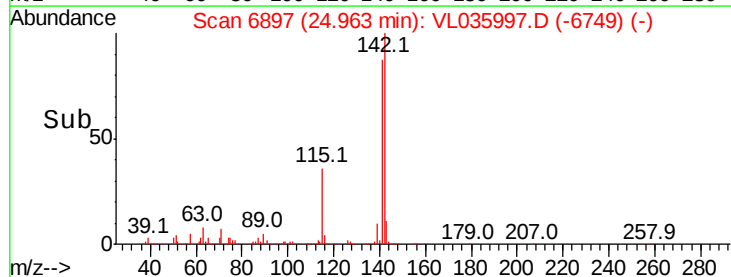
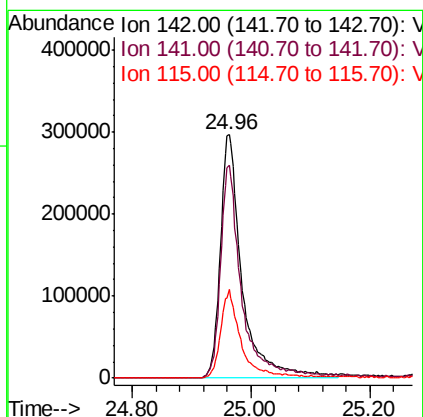
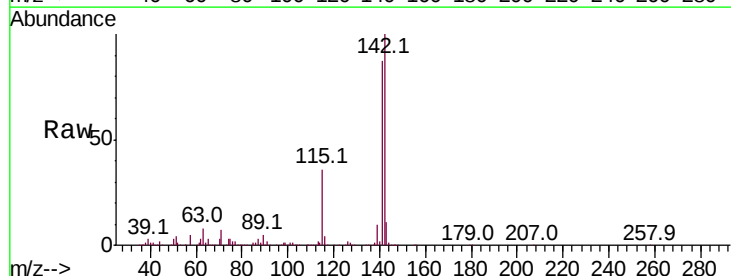
Manual Integrations
APPROVED

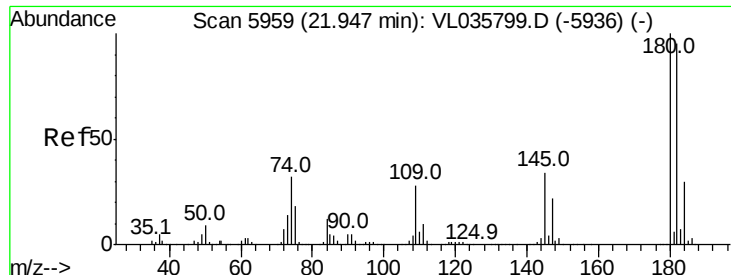
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11/27/2020 1:14:53 PM



#80
Naphthalene, 2-methyl-
Concen: 10.975 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.03 min
Lab File: VL035997.D
Acq: 24 Nov 2020 16:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	67.8	101.8
115	34.6	28.1	42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 8.265 ppbv
 RT: 21.91 min Scan# 5946
 Delta R.T. -0.04 min
 Lab File: VL035997.D
 Acq: 24 Nov 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.2	115.8
184	31.6	24.7	37.1

Manual Integrations
 APPROVED

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