

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037341.D
 Acq On : 6 Aug 2021 11:56
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:20 PM

Quant Time: Aug 06 16:02:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 06 16:02:08 2021
 QLast Update : Fri Aug 06 15:47:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	926017	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3224746	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2882769	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2000998	9.93	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	115432	0.560	ppbv	97
3) Chlorodifluoromethane	2.98	51	94504	0.491	ppbv	97
4) Chloromethane	3.13	50	32717	0.480	ppbv #	86
5) Vinyl Chloride	3.25	62	33975	0.476	ppbv	96
6) Bromomethane	3.47	94	17985	0.410	ppbv #	70
7) Chloroethane	3.55	64	13534m	0.530	ppbv	
8) Dichlorotetrafluoroethane	3.18	85	91909	0.497	ppbv	98
9) Propene	3.00	41	35826m	0.522	ppbv	
10) Heptane	8.11	43	70625	0.439	ppbv	97
11) Trichlorofluoromethane	3.94	101	88000	0.489	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.47	101	67890m	0.520	ppbv	
13) Ethanol	3.63	45	7931m	0.765	ppbv	
14) Bromoethene	3.73	108	28037m	0.486	ppbv	
15) Acetone	3.87	43	59227m	0.580	ppbv	
16) 1,3-Butadiene	3.32	39	34538m	0.523	ppbv	
17) tert-Butyl alcohol	4.33	59	53475m	0.521	ppbv	
18) 1,1-Dichloroethene	4.28	96	27585	0.464	ppbv	84
19) Isopropyl Alcohol	4.00	45	29277m	0.518	ppbv	
20) Methylene Chloride	4.33	84	52308	0.619	ppbv #	91
21) Allyl Chloride	4.40	41	43558m	0.528	ppbv	
22) trans-1,2-Dichloroethene	4.88	96	26799	0.490	ppbv	84
23) Vinyl Acetate	5.08	43	66498	0.434	ppbv #	95
24) 1,1-Dichloroethane	5.00	63	60529	0.464	ppbv #	96
25) Ethyl Acetate	5.68	43	125522m	0.475	ppbv	
26) Hexane	5.67	57	69693	0.472	ppbv	86
27) Carbon Disulfide	4.54	76	51707m	0.424	ppbv	
28) Methyl tert-Butyl Ether	5.04	73	73215m	0.474	ppbv	
29) Chloroform	5.74	83	85387	0.449	ppbv	93
30) Cyclohexane	7.12	84	54743m	0.478	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	50382	0.436	ppbv	94
32) 1,1,1-Trichloroethane	6.49	97	80142	0.442	ppbv	92
34) 2-Butanone	5.26	43	43722	0.392	ppbv #	71
35) Carbon Tetrachloride	7.00	117	83547	0.424	ppbv	98
36) Benzene	6.88	78	113716	0.391	ppbv	95
37) 1,2-Dichloroethane	6.29	62	61548m	0.452	ppbv	
38) Trichloroethene	7.82	130	49364	0.386	ppbv	94
39) 1,2-Dichloropropane	7.60	63	38609	0.357	ppbv	87
40) 1,4-Dioxane	7.88	88	12518m	0.397	ppbv	
41) Tetrahydrofuran	6.07	42	26017m	0.422	ppbv	
42) Bromodichloromethane	7.78	83	87087m	0.428	ppbv	
43) Methyl Methacrylate	8.01	69	36511m	0.370	ppbv	

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Manual Integrations
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Quant Time: Aug 06 16:02:08 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Fri Aug 06 15:47:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.85	57	198736m	0.413	ppbv	
45) t-1,3-Dichloropropene	9.27	75	20634m	0.277	ppbv	
46) cis-1,3-Dichloropropene	8.69	75	31562m	0.293	ppbv	
47) 1,1,2-Trichloroethane	9.46	97	51111m	0.438	ppbv	
48) Dibromochloromethane	10.29	129	65356m	0.372	ppbv	
49) Bromoform	13.02	173	40027	0.300	ppbv	97
50) 4-Methyl-2-Pentanone	8.77	43	73641m	0.427	ppbv	
51) 2-Hexanone	10.17	43	35146m	0.447	ppbv	
52) Tetrachloroethene	11.21	164	51224	0.406	ppbv	96
53) Toluene	9.79	91	127284	0.368	ppbv	97
54) 1,2-Dibromoethane	10.59	107	65185	0.403	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.11	131	54407	0.420	ppbv #	1
57) Chlorobenzene	12.12	112	106997	0.428	ppbv #	88
58) Ethyl Benzene	12.69	91	173318	0.401	ppbv	92
59) m/p-Xylene	12.98	91	297983m	0.819	ppbv	
60) o-Xylene	13.67	91	144587	0.429	ppbv	96
61) Styrene	13.52	104	66583m	0.364	ppbv	
62) Isopropylbenzene	14.64	105	209022	0.428	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	101364m	0.424	ppbv	
64) n-propylbenzene	15.55	120	48044	0.379	ppbv	70
65) tert-Butylbenzene	16.73	119	188443	0.422	ppbv	97
66) Benzyl Chloride	16.98	91	7919m	0.476	ppbv	
67) sec-Butylbenzene	17.27	105	240498	0.400	ppbv	100
69) p-Isopropyltoluene	17.64	119	211263m	0.417	ppbv	
70) n-Butylbenzene	18.54	91	176628	0.382	ppbv	98
71) 2-Chlorotoluene	15.44	91	129123	0.379	ppbv	94
72) 4-Ethyltoluene	15.82	105	149075	0.369	ppbv	94
73) 1,3,5-Trimethylbenzene	15.98	105	160949m	0.443	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	151892	0.394	ppbv	96
75) 1,3-Dichlorobenzene	16.98	146	101886m	0.429	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	104299m	0.443	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	100851m	0.438	ppbv	
78) Hexachloro-1,3-Butadiene	23.35	225	81091	0.399	ppbv	89
79) Naphthalene	22.18	128	98594m	0.297	ppbv	
80) Naphthalene, 2-methyl-	24.99	142	9314	0.180	ppbv #	90
81) 1,2,4-Trichlorobenzene	21.91	180	68203m	0.347	ppbv	

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

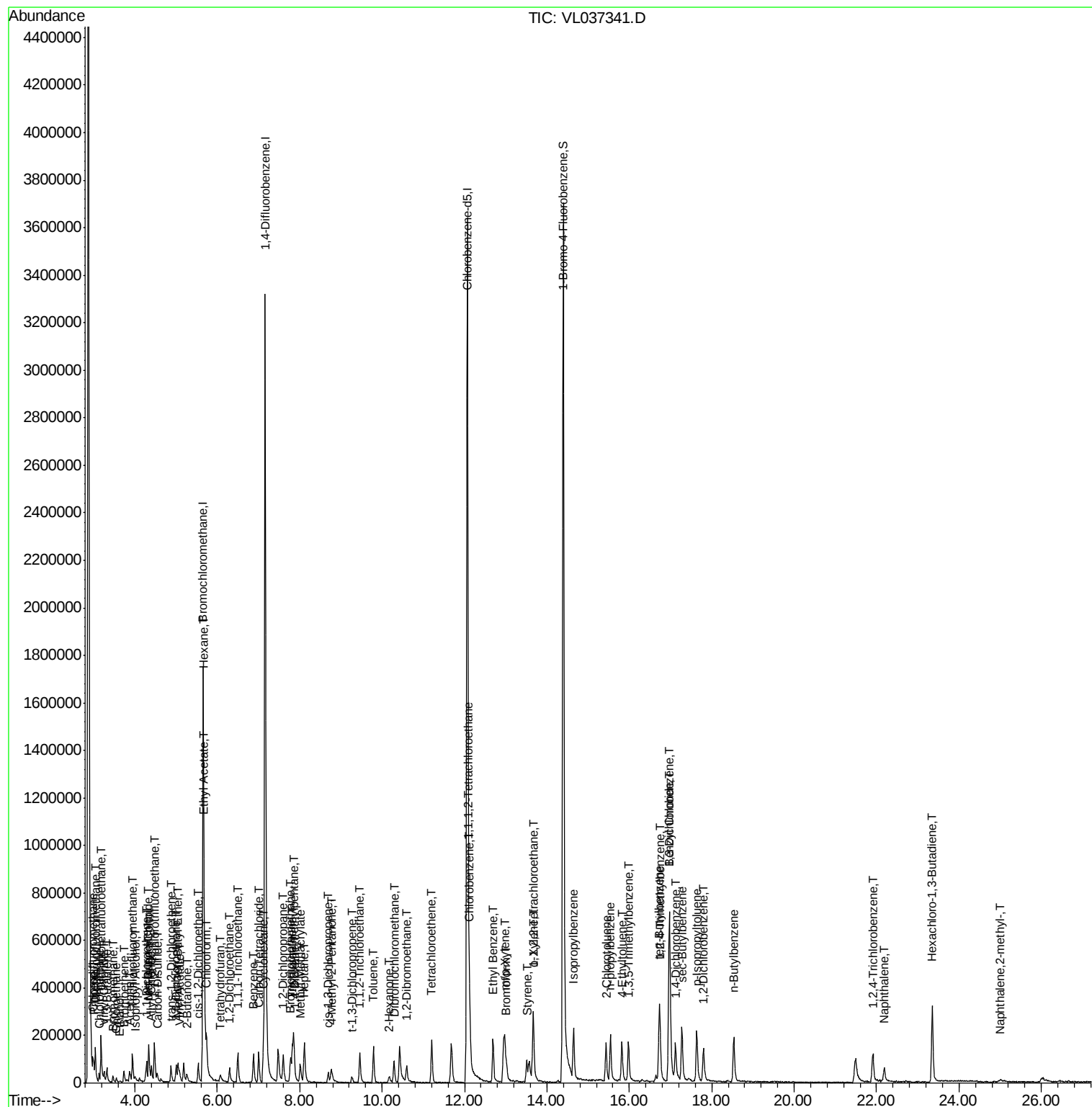
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080621\
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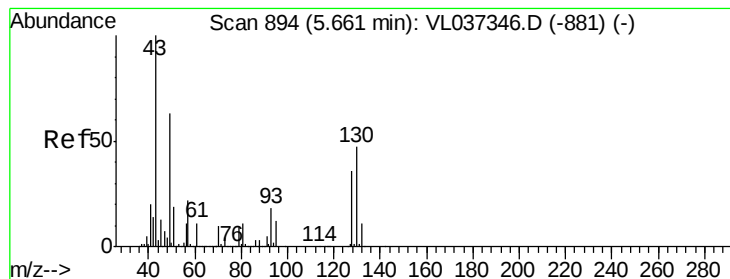
Instrument :
MSVOA_L
ClientSampleId :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Fri Aug 06 15:47:06 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 49 Resp: 926017

Ion Ratio Lower Upper

49 100

128 64.3 32.1 96.3

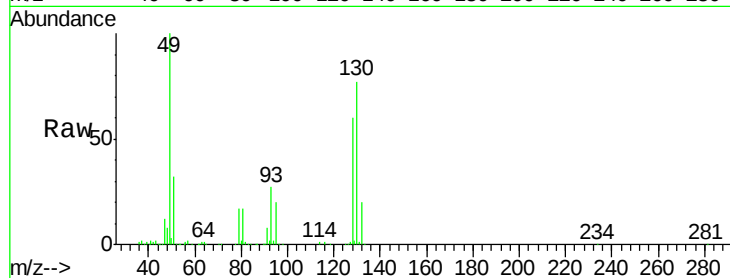
130 84.2 40.0 120.0

Manual Integrations

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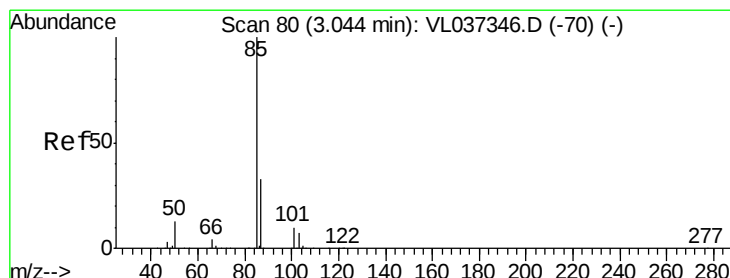
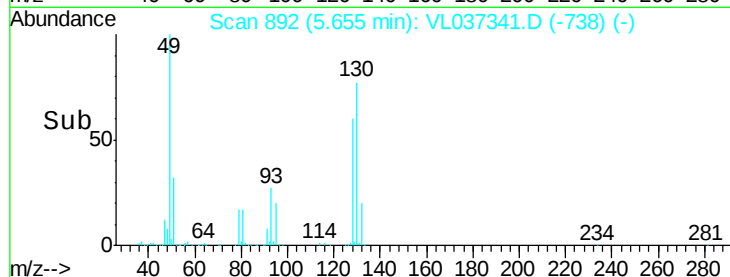
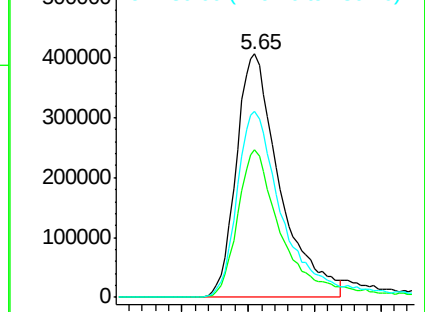
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.560 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL037341.D

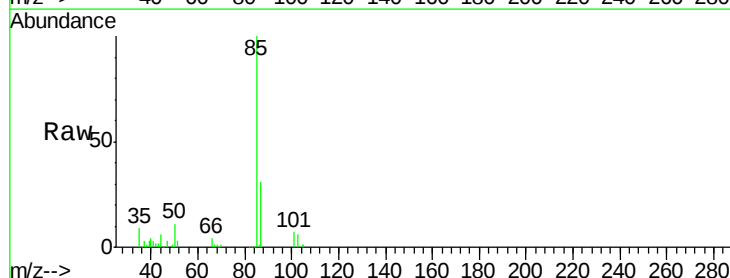
Acq: 6 Aug 2021 11:56

Tgt Ion: 85 Resp: 115432

Ion Ratio Lower Upper

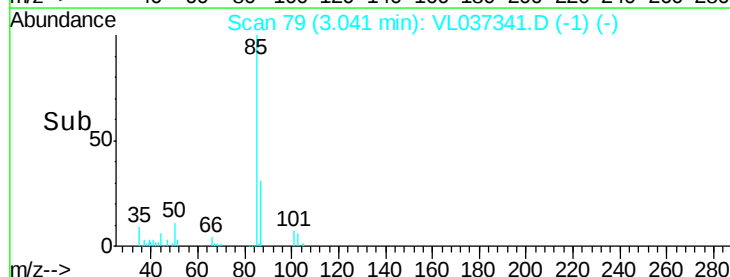
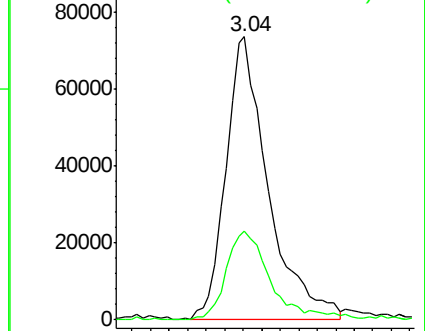
85 100

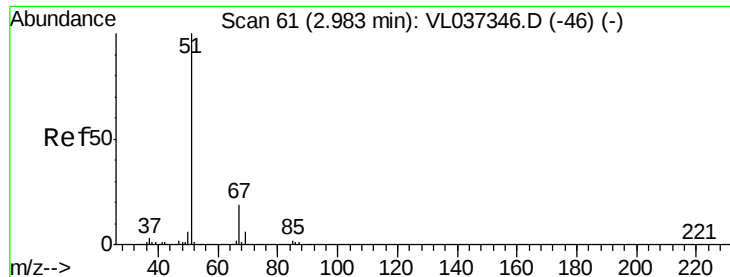
87 31.5 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.491 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 51 Resp: 94504

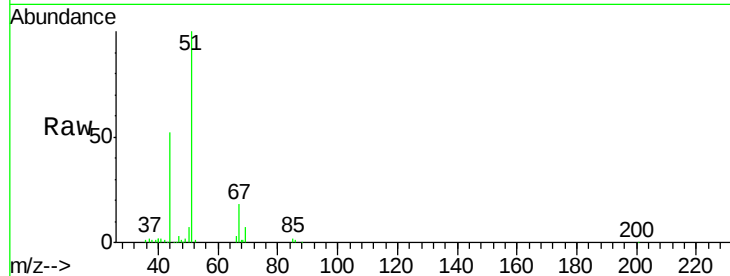
Ion Ratio Lower Upper

51 100

67 18.1 15.6 23.4

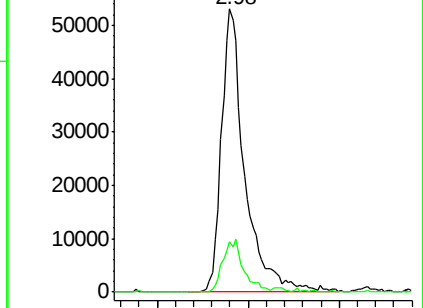
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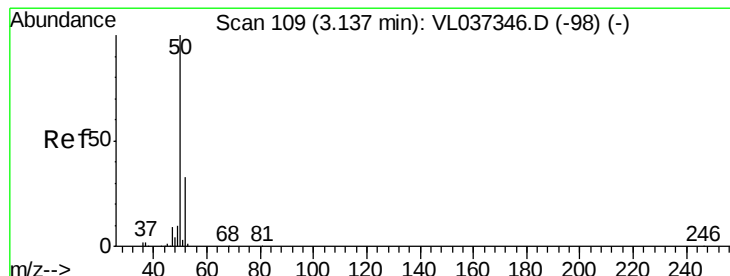
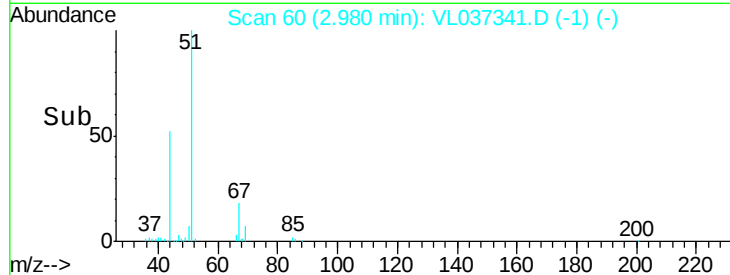


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 0.480 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL037341.D

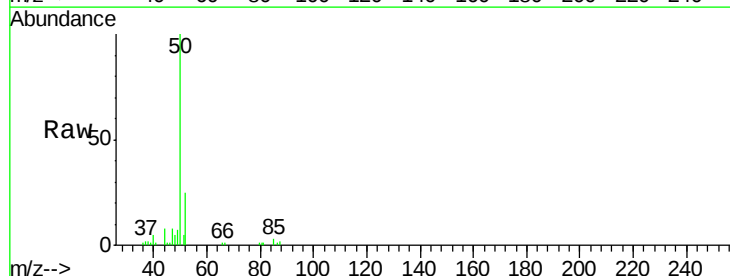
Acq: 6 Aug 2021 11:56

Tgt Ion: 50 Resp: 32717

Ion Ratio Lower Upper

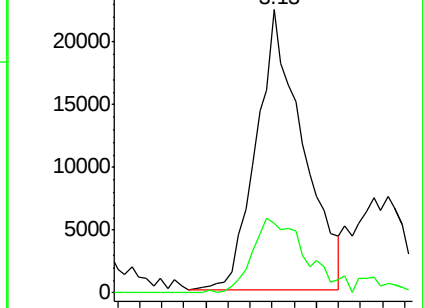
50 100

52 24.8 26.3 39.5#

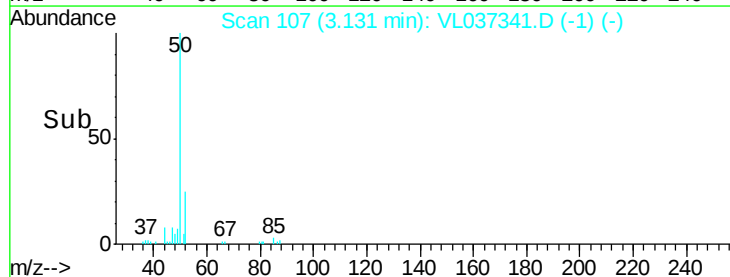


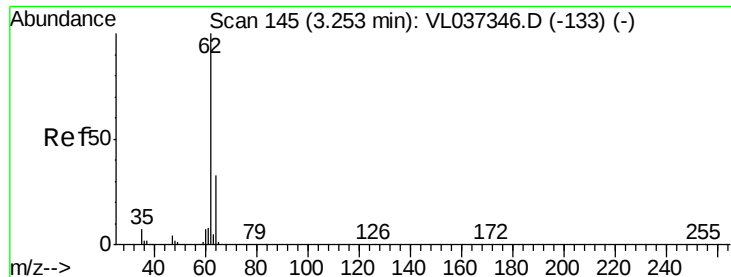
Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



Time-->





#5

Vinyl Chloride

Concen: 0.476 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 62 Resp: 33975

Ion Ratio Lower Upper

62 100

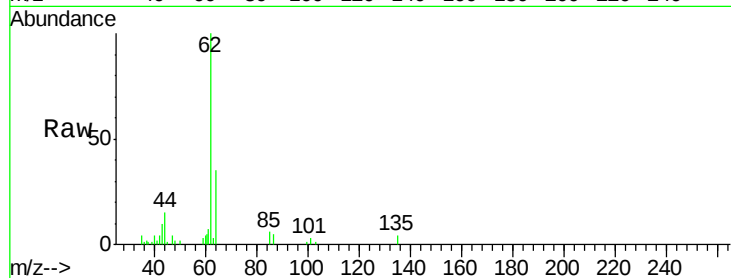
64 35.4 26.4 39.6

Manual Integrations

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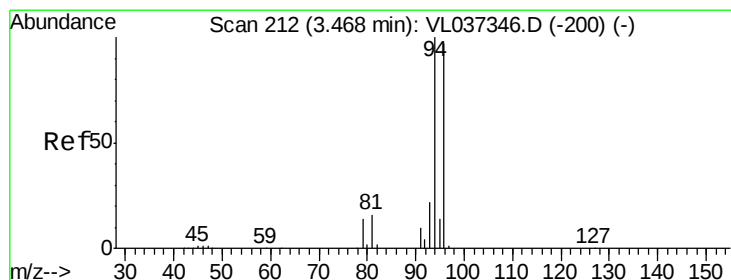
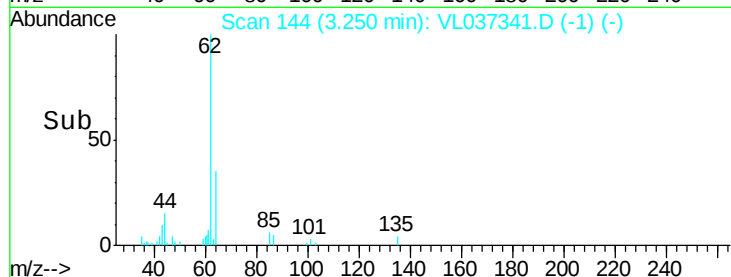
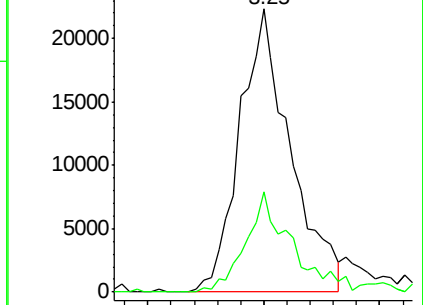
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.410 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL037341.D

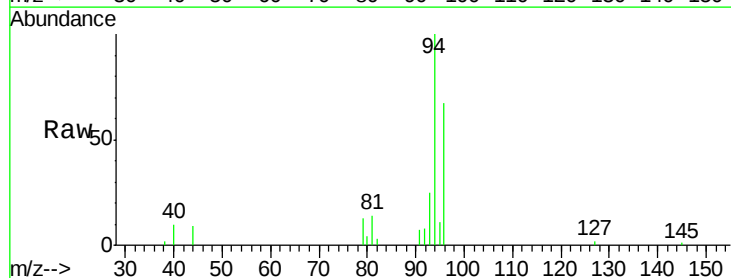
Acq: 6 Aug 2021 11:56

Tgt Ion: 94 Resp: 17985

Ion Ratio Lower Upper

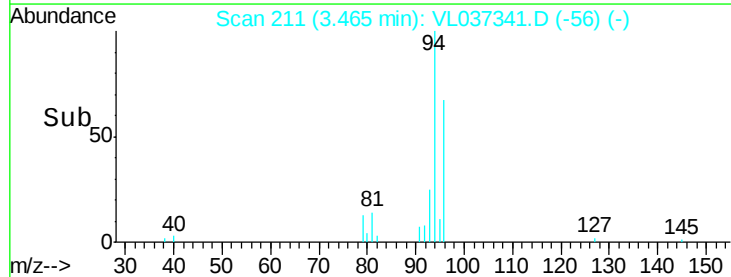
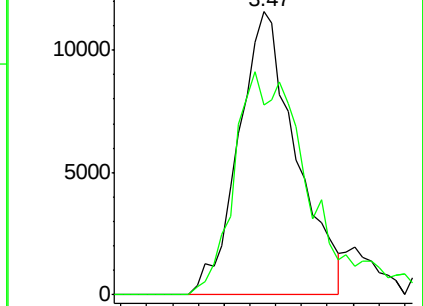
94 100

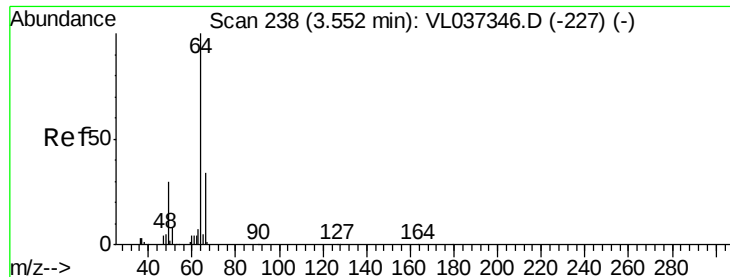
96 67.2 77.4 116.2#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.530 ppbv m

RT: 3.55 min Scan# 237

Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 64 Resp: 13534

Ion Ratio Lower Upper

64 100

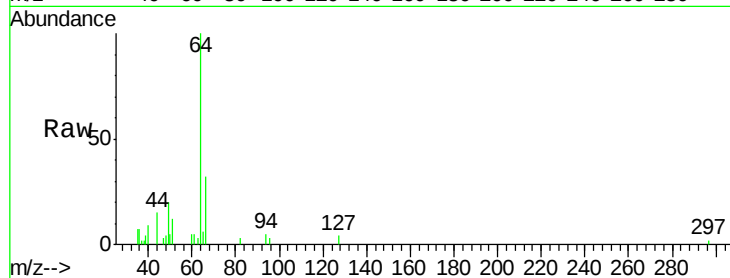
66 32.3 26.8 40.2

Manual Integrations

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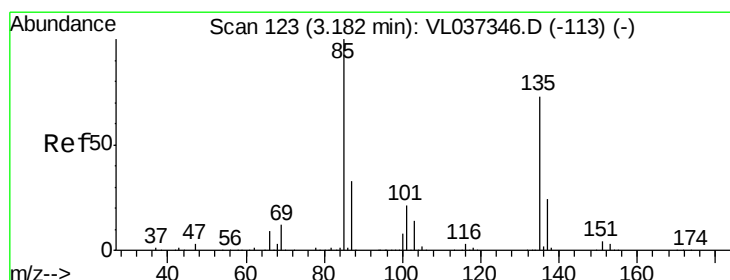
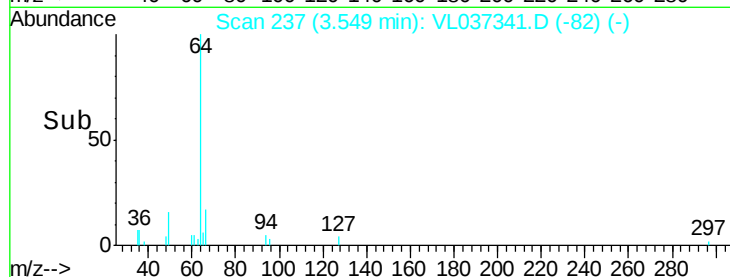
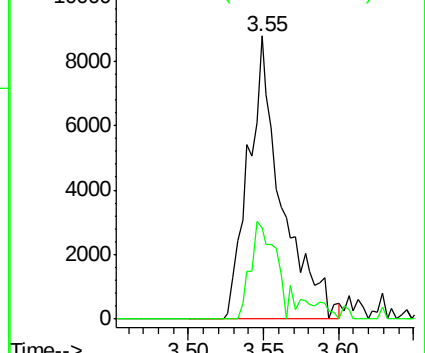
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.497 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.00 min

Lab File: VL037341.D

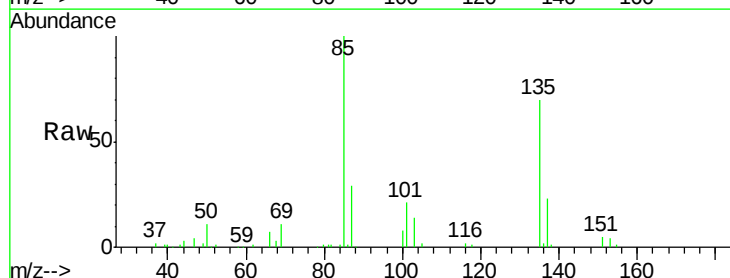
Acq: 6 Aug 2021 11:56

Tgt Ion: 85 Resp: 91909

Ion Ratio Lower Upper

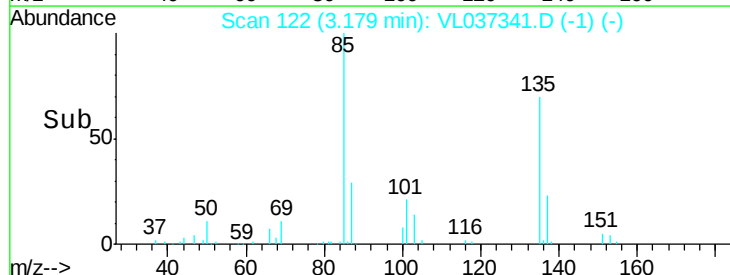
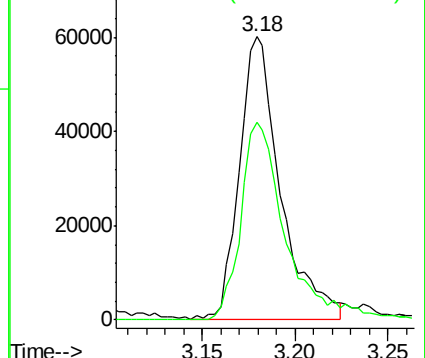
85 100

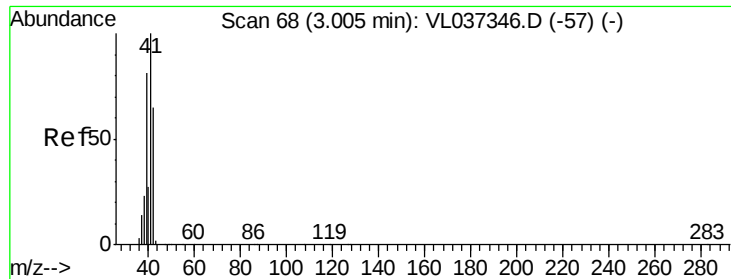
135 77.1 63.2 94.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.522 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 41 Resp: 35826

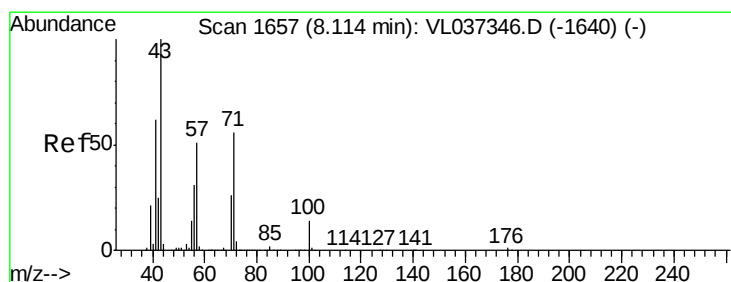
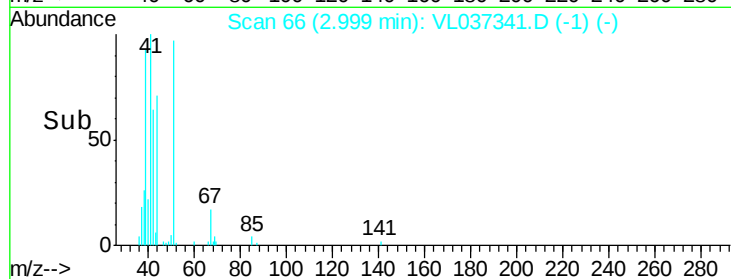
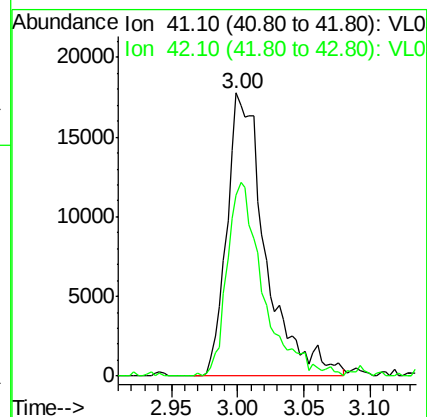
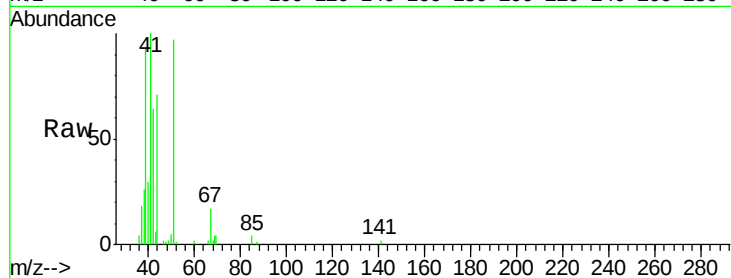
Ion Ratio Lower Upper

41 100

42 65.3 54.3 81.5

Manual Integrations
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#10

Heptane

Concen: 0.439 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.01 min

Lab File: VL037341.D

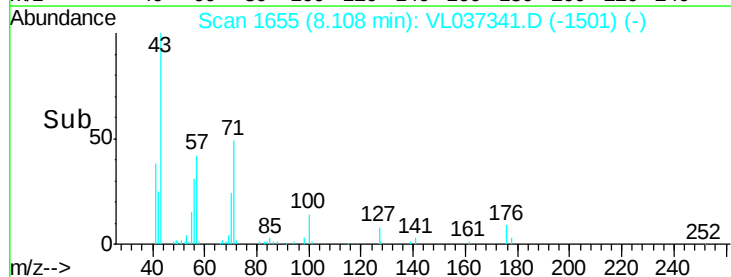
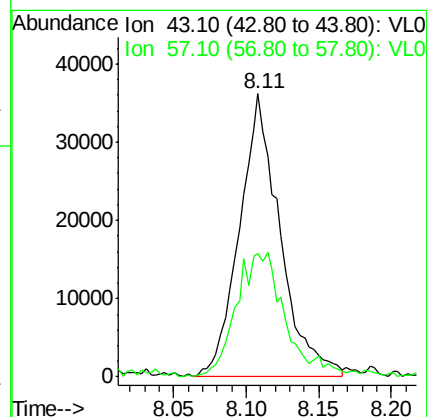
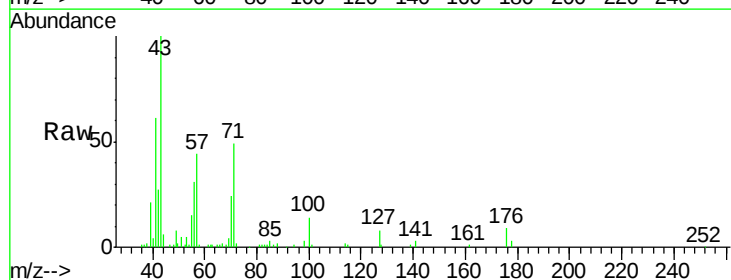
Acq: 6 Aug 2021 11:56

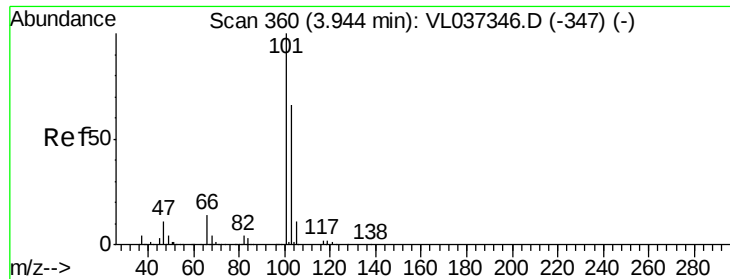
Tgt Ion: 43 Resp: 70625

Ion Ratio Lower Upper

43 100

57 54.6 41.9 62.9





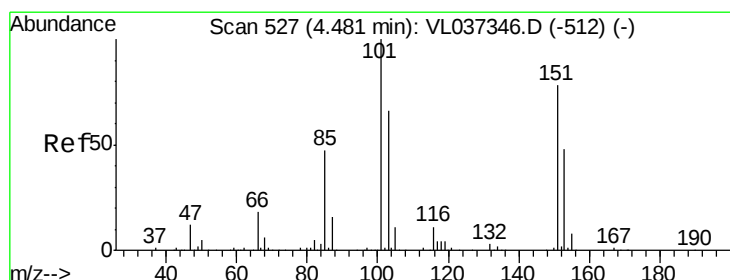
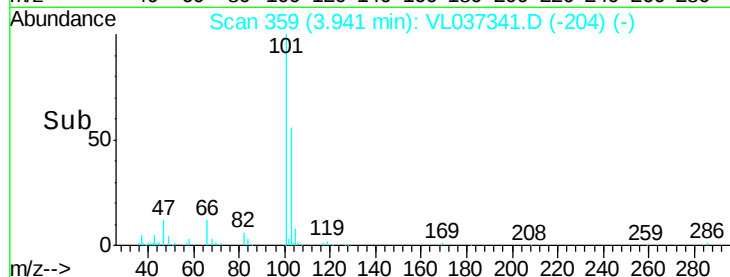
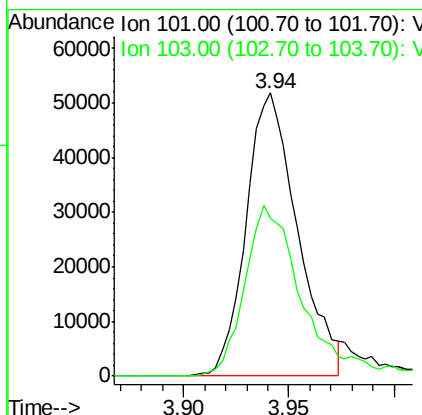
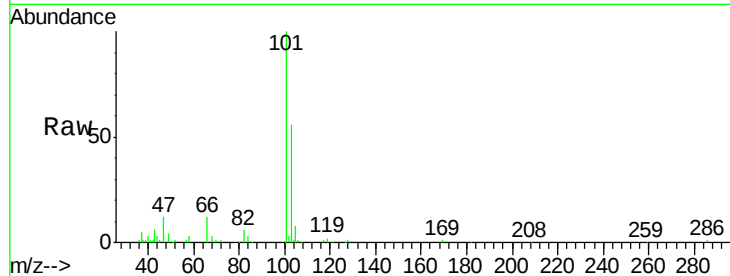
#11
 Trichlorofluoromethane
 Concen: 0.489 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
101	100		
103	55.9	52.5	78.7

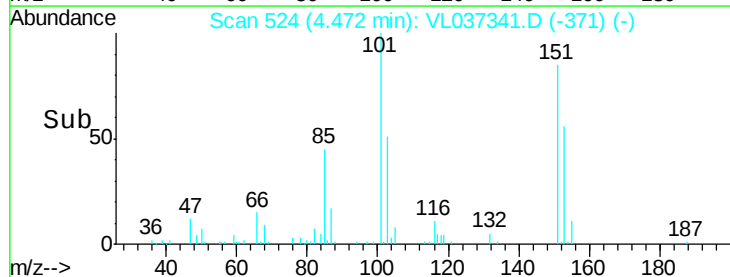
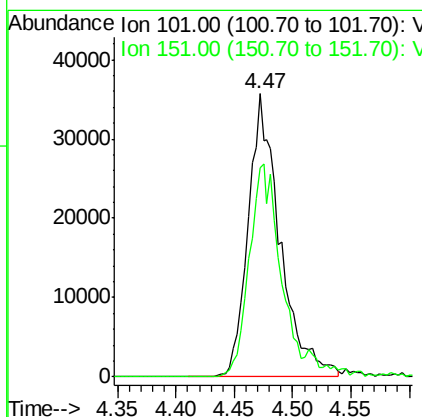
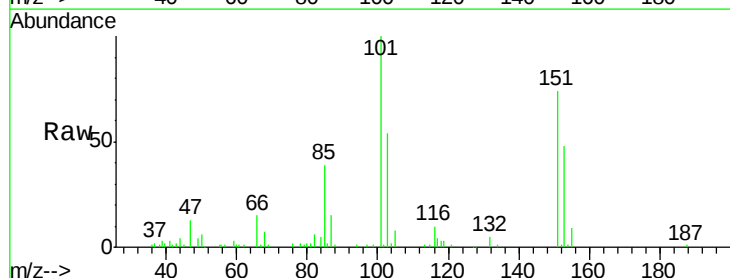
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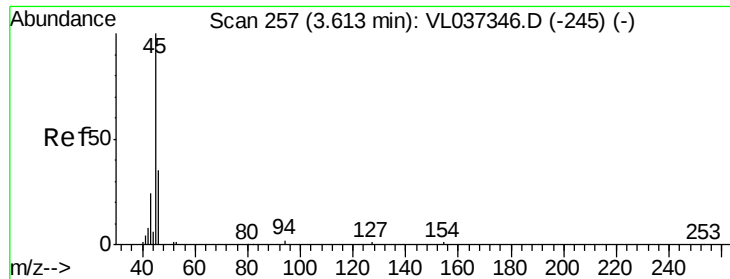
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.520 ppbv m
 RT: 4.47 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
101	100		
151	78.8	62.4	93.6





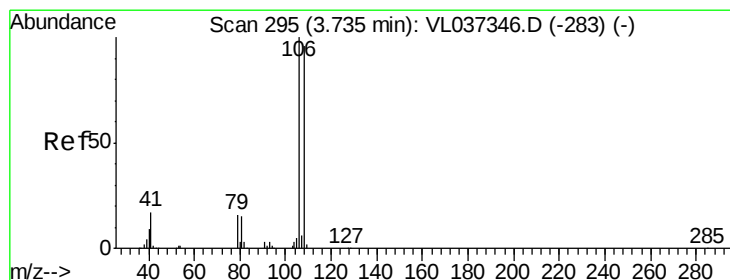
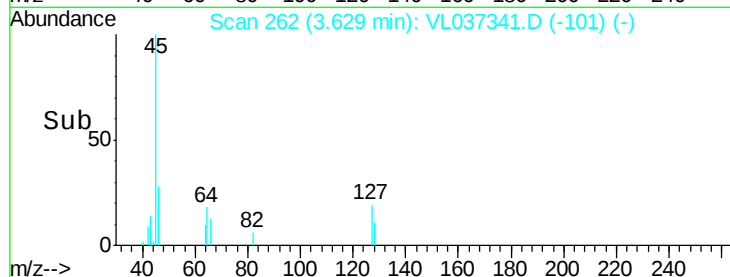
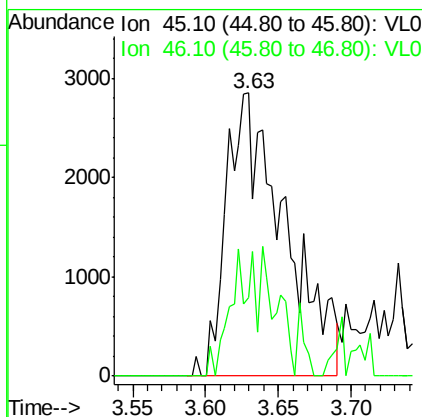
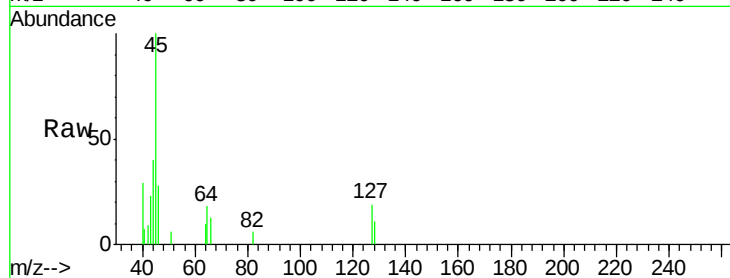
#13
Ethanol
Concen: 0.765 ppbv m
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.7	62.9#

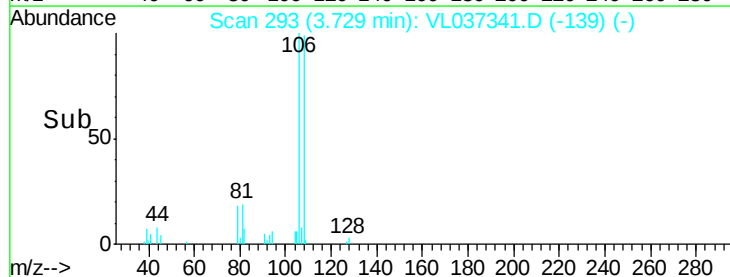
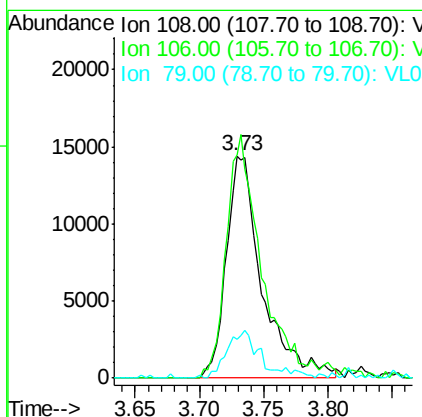
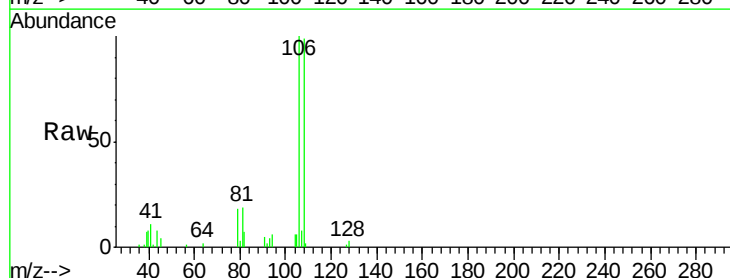
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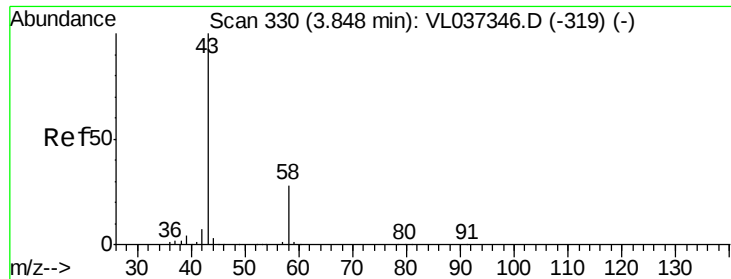
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#14
Bromoethene
Concen: 0.486 ppbv m
RT: 3.73 min Scan# 293
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
108	100		
106	111.1	86.5	129.7
79	21.0	13.8	20.6#





#15

Acetone

Concen: 0.580 ppbv m

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 43 Resp: 59227

Ion Ratio Lower Upper

43 100

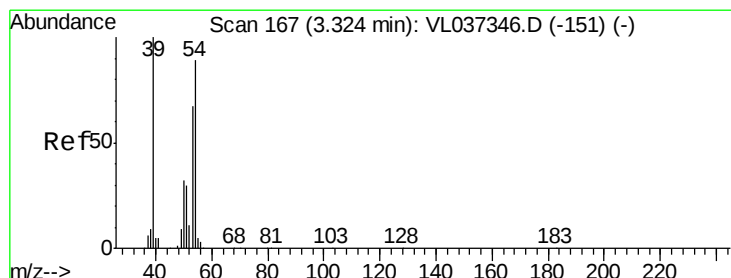
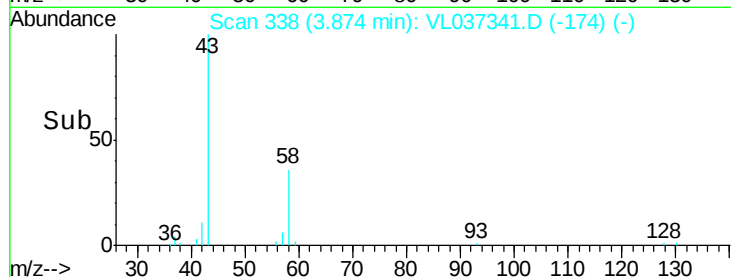
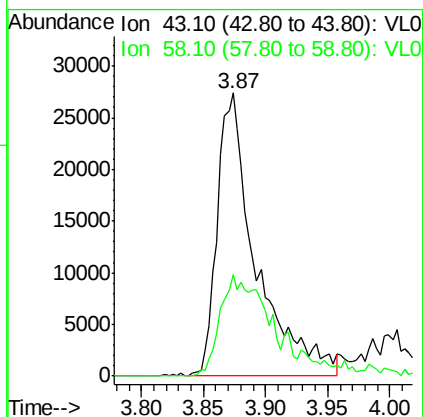
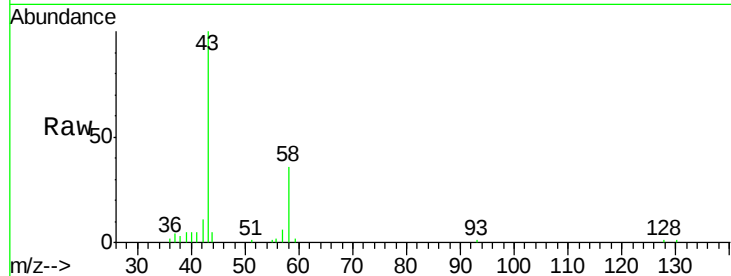
58 52.4 24.6 36.8#

Manual Integrations

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#16

1,3-Butadiene

Concen: 0.523 ppbv m

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL037341.D

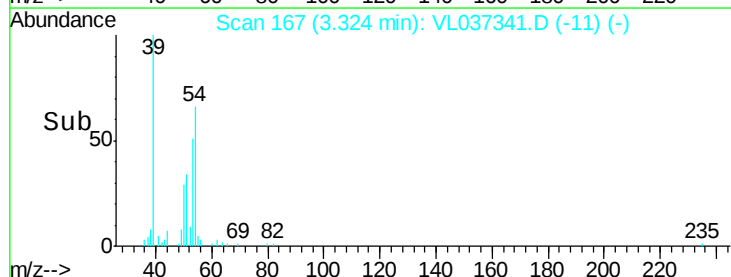
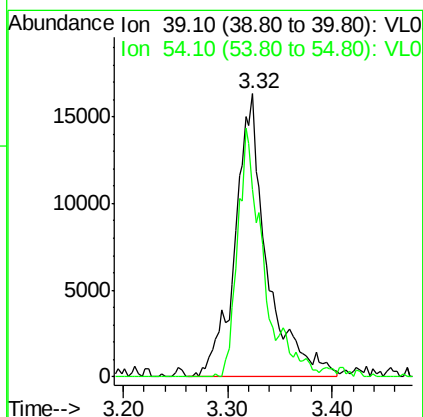
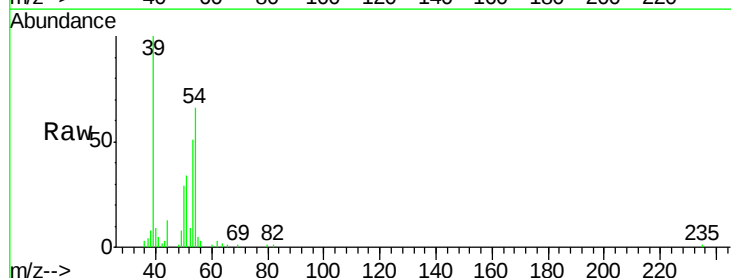
Acq: 6 Aug 2021 11:56

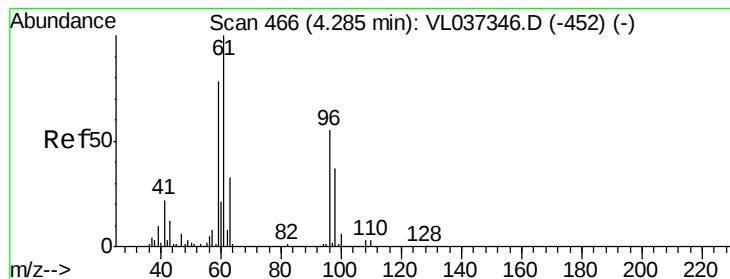
Tgt Ion: 39 Resp: 34538

Ion Ratio Lower Upper

39 100

54 71.9 64.2 96.4





#17

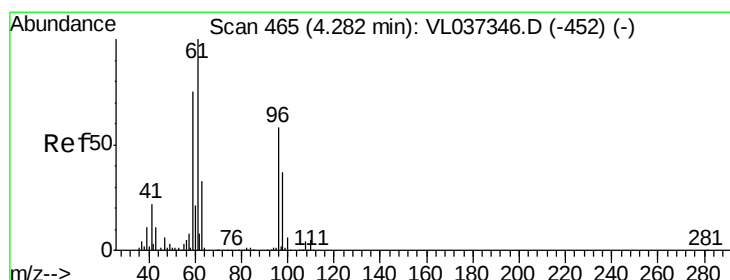
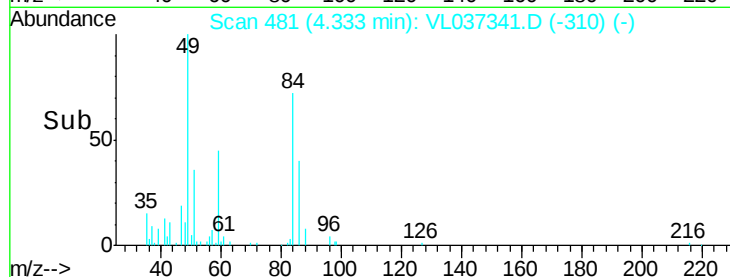
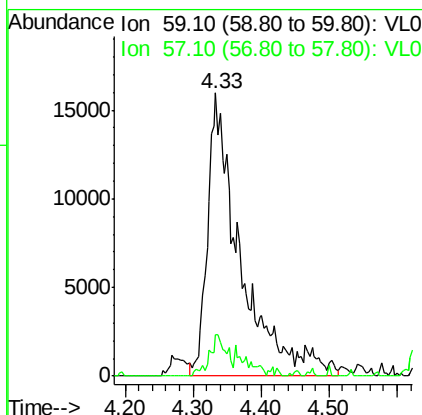
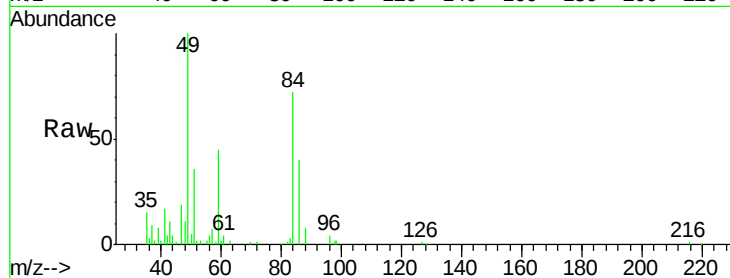
tert-Butyl alcohol
Concen: 0.521 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.05 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 59 Resp: 53475
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

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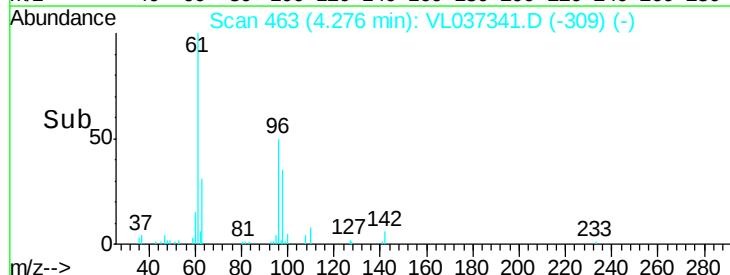
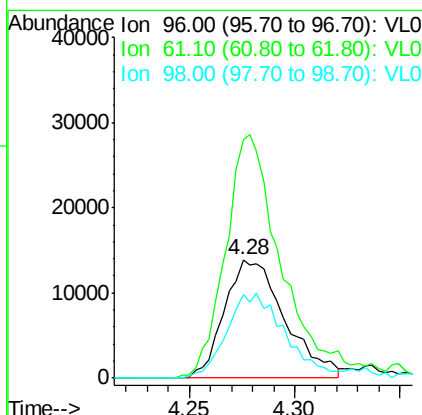
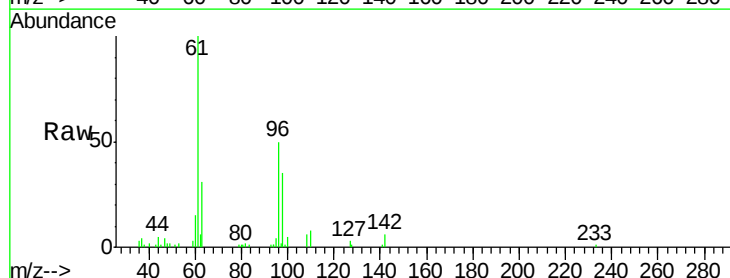
MMDadoda
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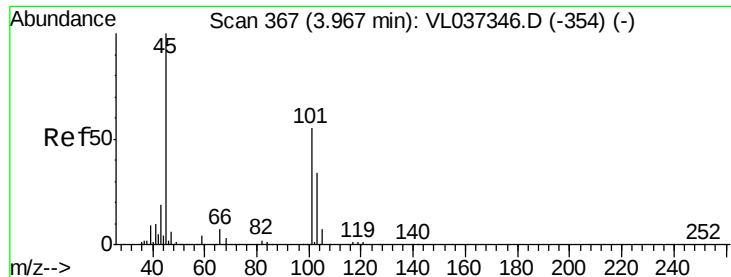


#18

1,1-Dichloroethene
Concen: 0.464 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion: 96 Resp: 27585
Ion Ratio Lower Upper
96 100
61 198.8 137.0 205.4
98 68.1 50.4 75.6





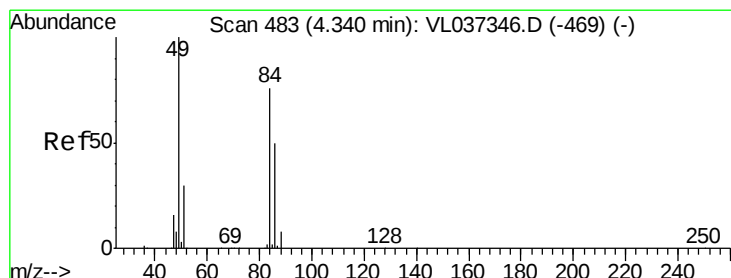
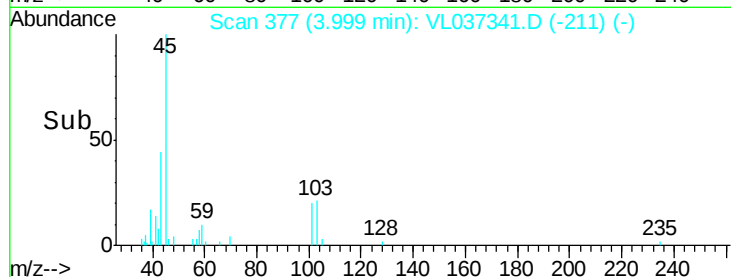
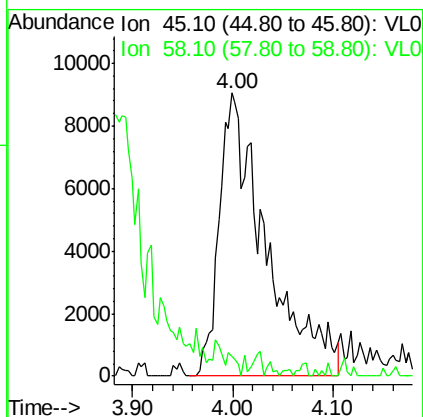
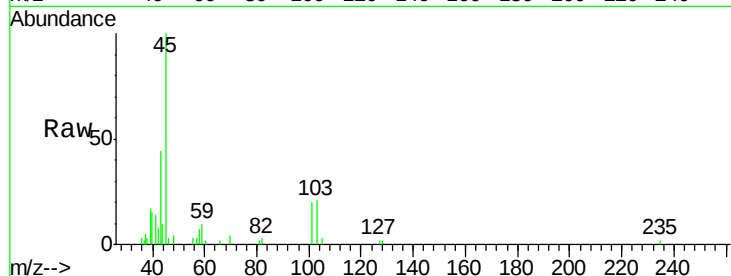
#19
Isopropyl Alcohol
Concen: 0.518 ppbv m
RT: 4.00 min Scan# 377
Delta R.T. 0.03 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampled :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	0.0	0.0

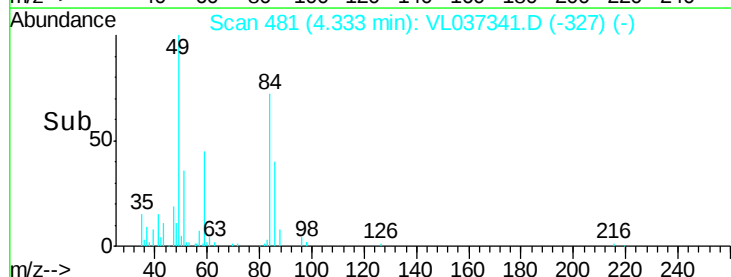
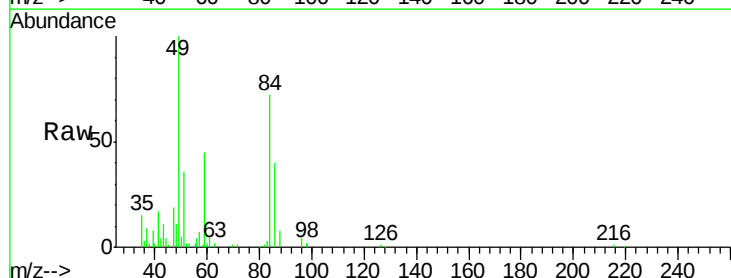
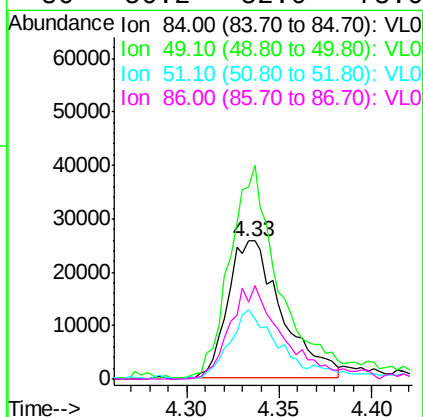
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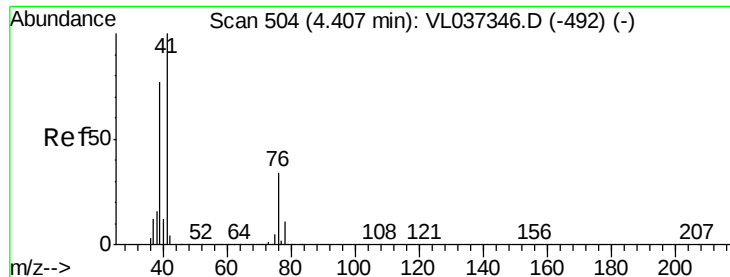
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#20
Methylene Chloride
Concen: 0.619 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	105.4	158.0
51	49.6	31.1	46.7#
86	56.2	52.0	78.0





#21

Allvl Chloride

Concen: 0.528 ppbv m

RT: 4.40 min Scan# 503

Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

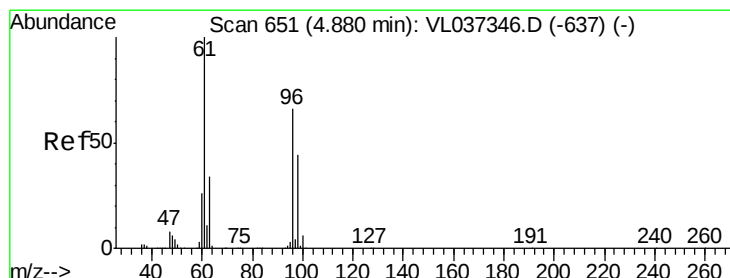
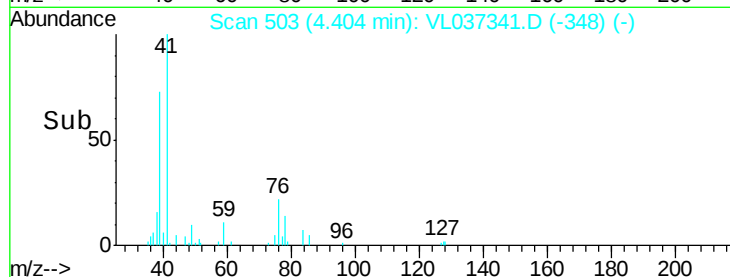
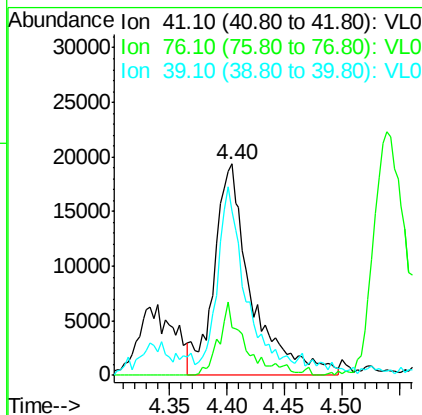
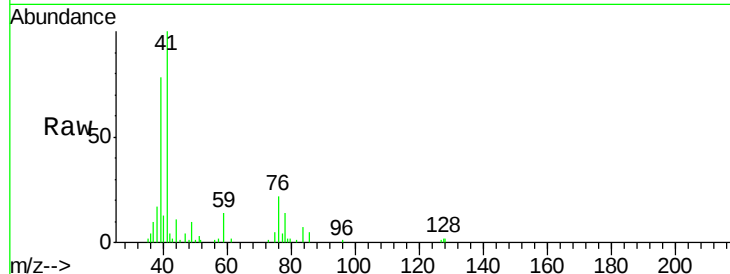
ClientSampleId :

VSTDIC0.5

Tot Ion:	41	Resp:	43558
Ion	Ratio	Lower	Upper
41	100		
76	25.3	25.8	38.8#
39	77.0	61.6	92.4

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 0.490 ppbv

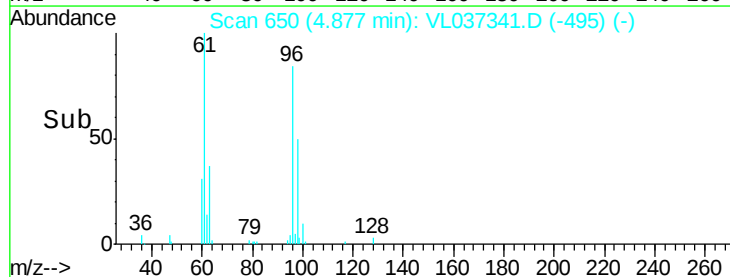
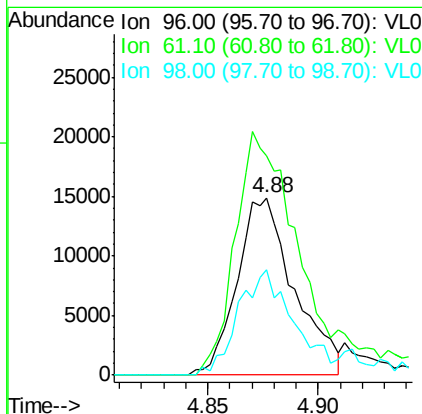
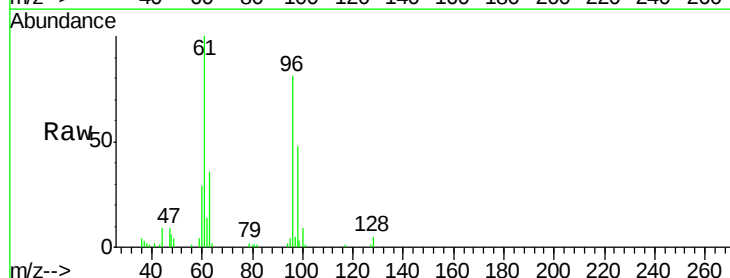
RT: 4.88 min Scan# 650

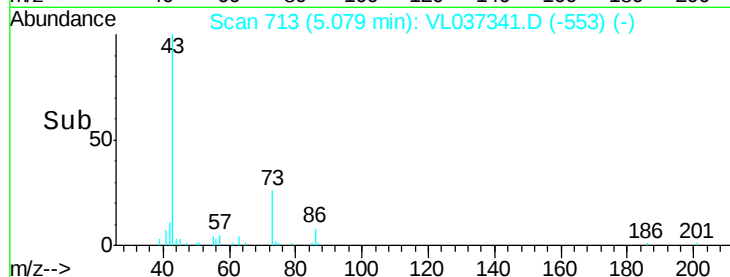
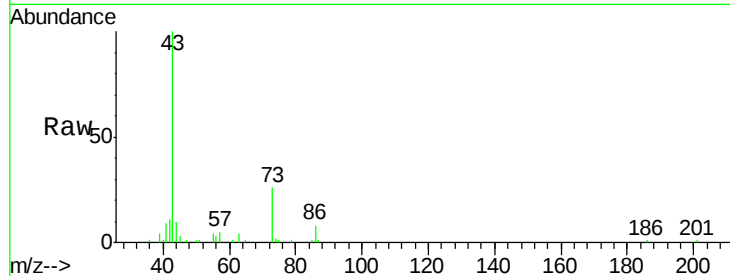
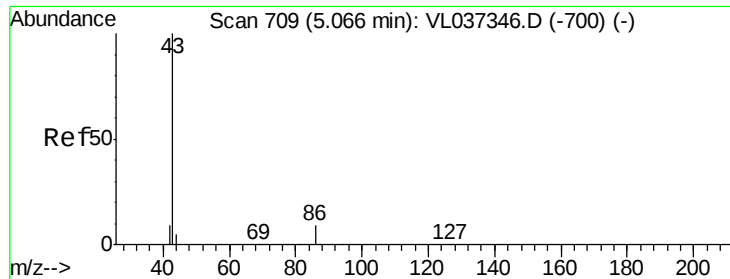
Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Tgt Ion:	96	Resp:	26799
Ion	Ratio	Lower	Upper
96	100		
61	123.6	120.6	181.0
98	63.0	53.0	79.6





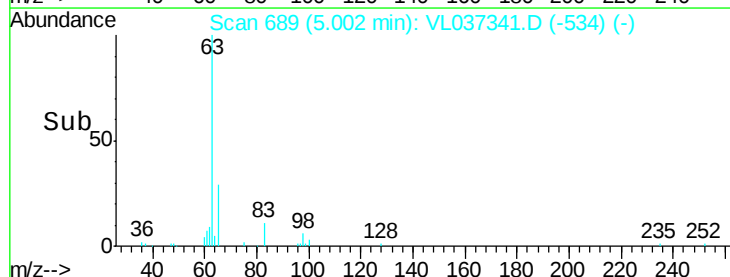
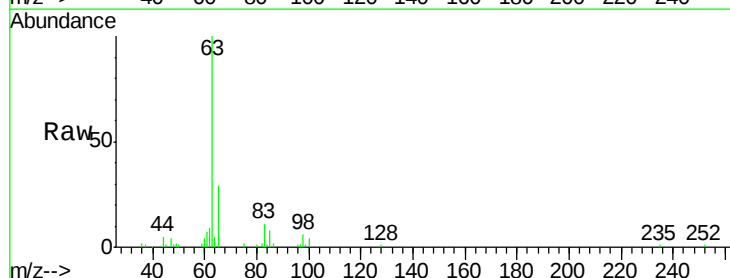
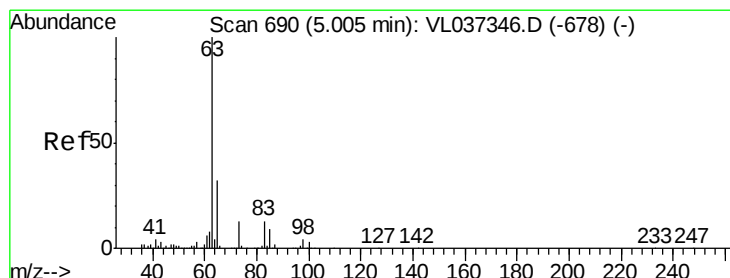
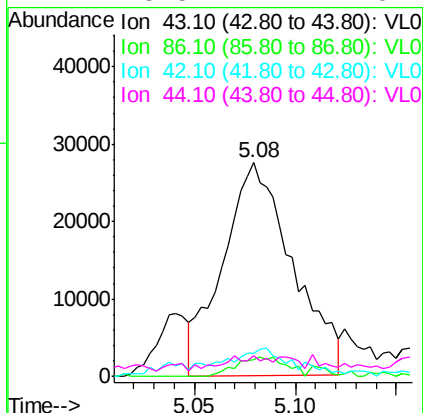
#23
 Vinyl Acetate
 Concen: 0.434 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tot Ion	43	Resp	66498
Ion Ratio	Lower	Upper	
43	100		
86	10.1	6.2	9.4#
42	9.5	8.3	12.5
44	8.5	4.1	6.1#

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

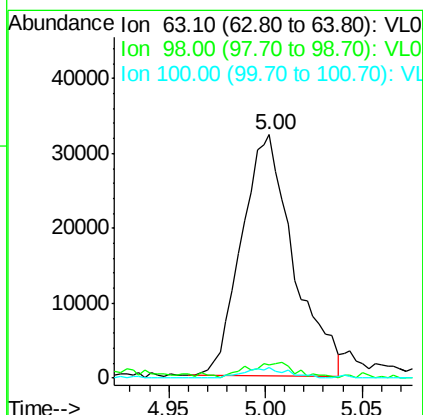
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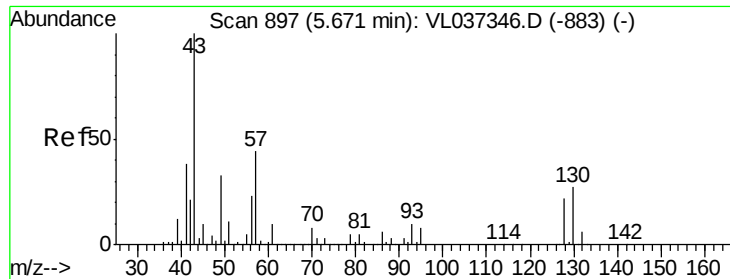
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 0.464 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	63	Resp	60529
Ion Ratio	Lower	Upper	
63	100		
98	5.6	2.3	6.8
100	4.3	1.4	4.0#





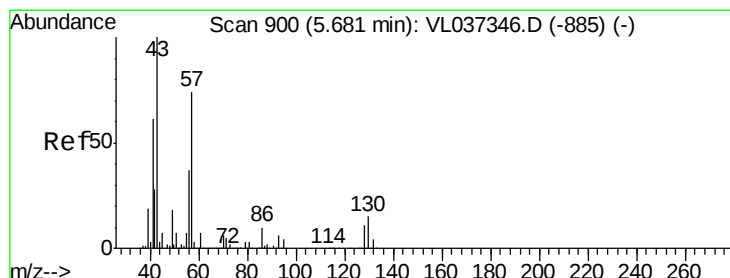
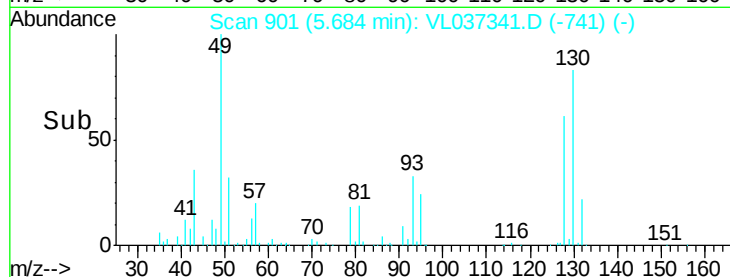
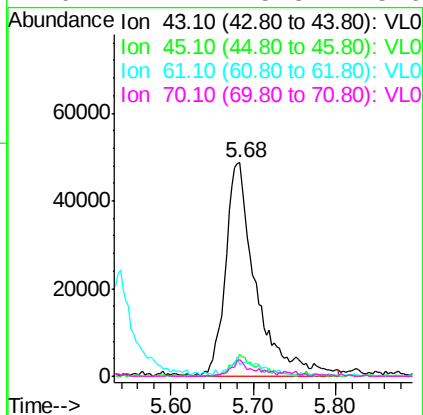
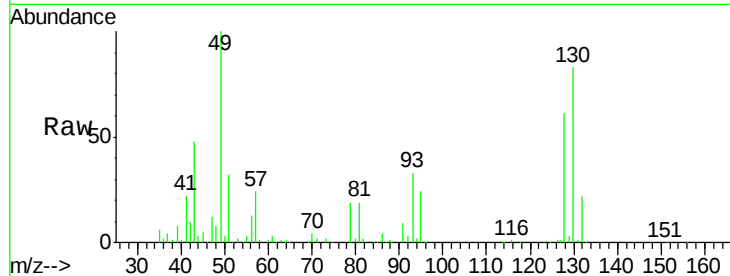
#25
Ethyl Acetate
Concen: 0.475 ppbv m
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		125522		
45	8.3	7.4	11.2		
61	8.5	8.5	12.7		
70	7.2	5.8	8.6		

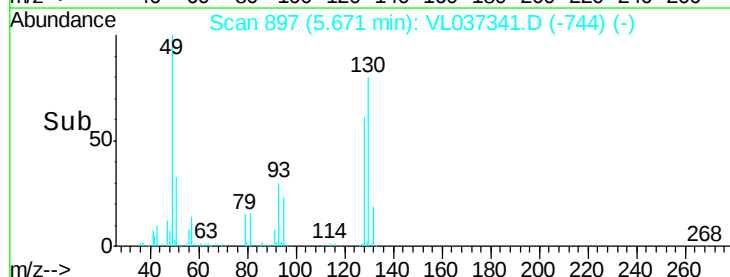
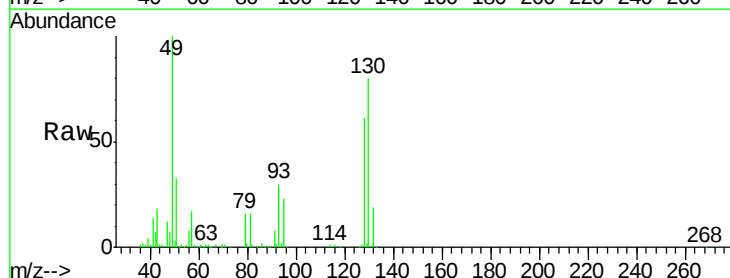
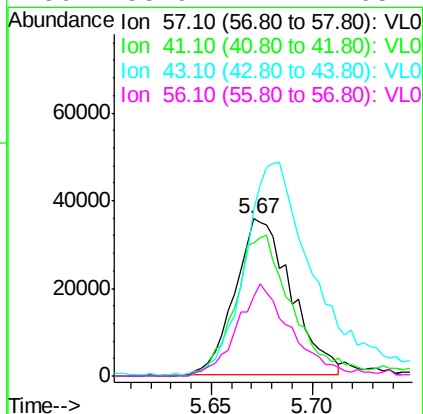
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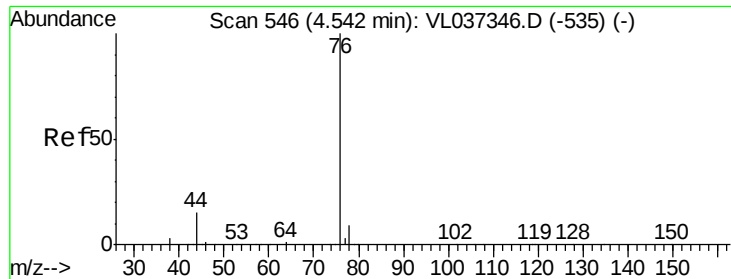
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#26
Hexane
Concen: 0.472 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100		69693		
41	96.4	68.7	103.1		
43	177.4	162.6	244.0		
56	58.9	42.2	63.4		





#27

Carbon Disulfide

Concen: 0.424 ppbv m

RT: 4.54 min Scan# 545

Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

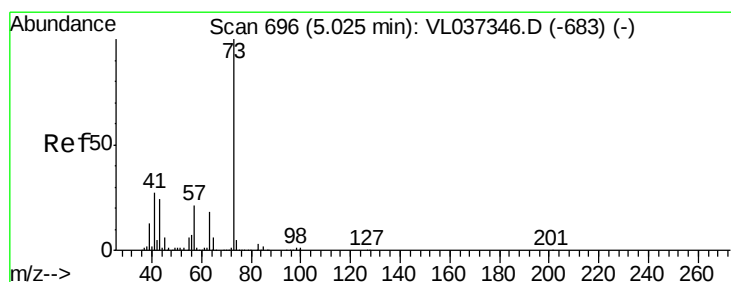
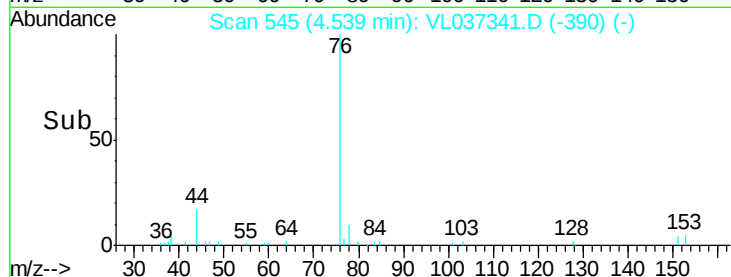
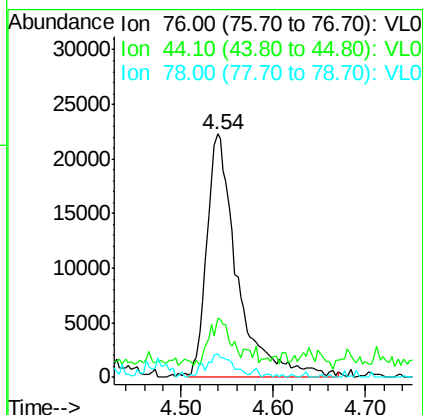
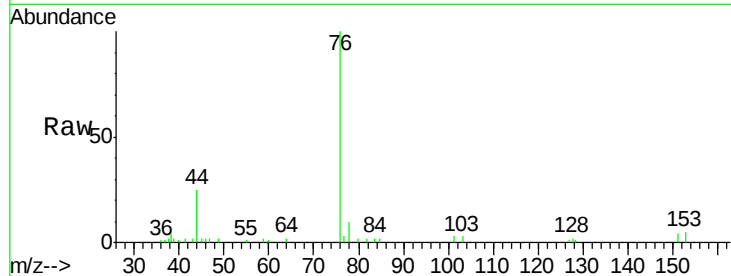
ClientSampleId :

VSTDIC0.5

Tot Ion:	76	Resp:	51707
Ion	Ratio	Lower	Upper
76	100		
44	16.3	13.2	19.8
78	9.4	8.0	12.0

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#28

Methyl tert-Butyl Ether

Concen: 0.474 ppbv m

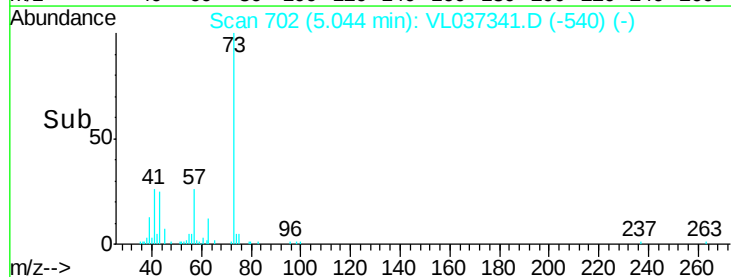
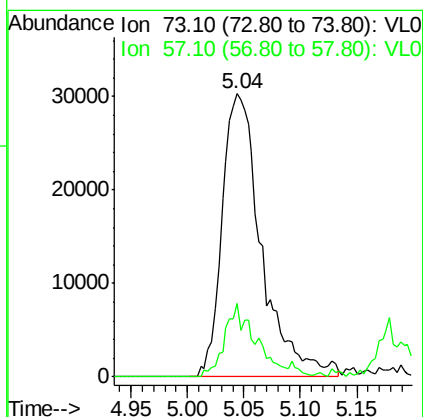
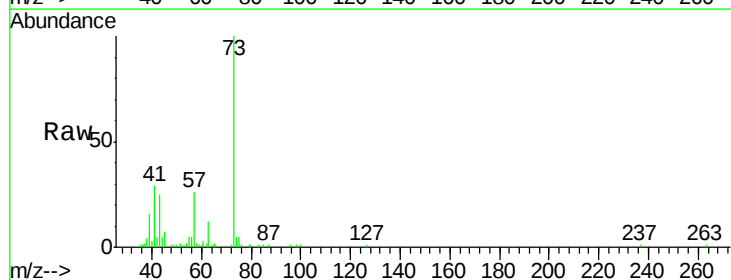
RT: 5.04 min Scan# 702

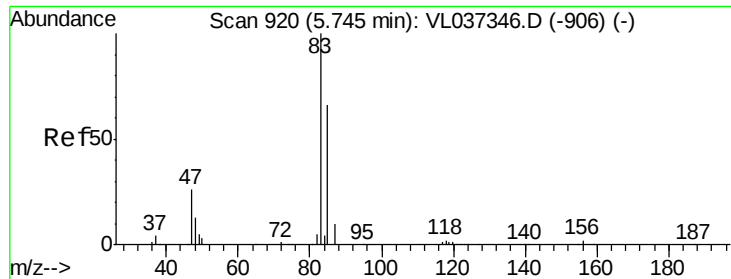
Delta R.T. 0.02 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Tgt Ion:	73	Resp:	73215
Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.9	26.9





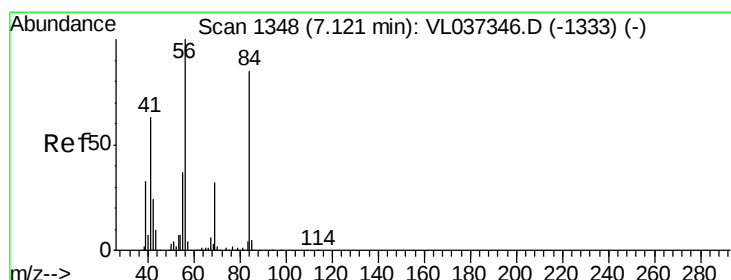
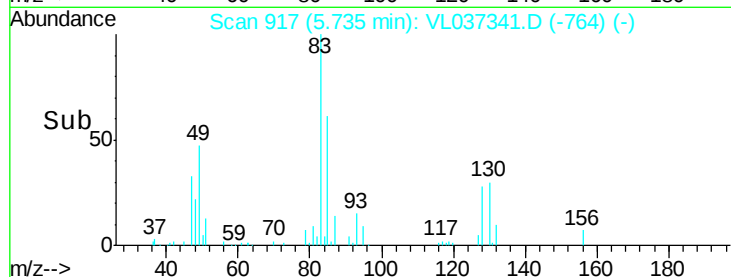
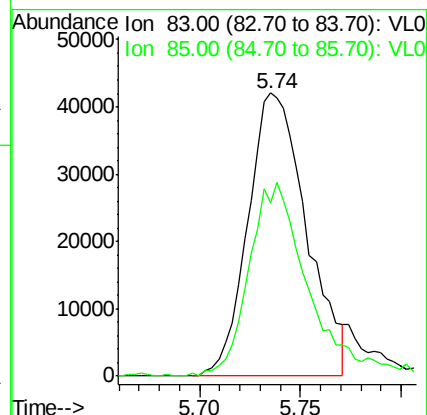
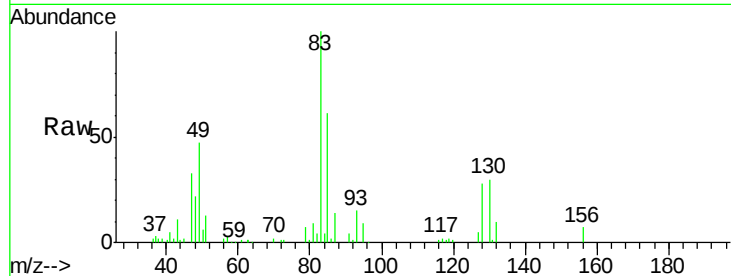
#29
Chloroform
Concen: 0.449 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 83 Resp: 85387
Ion Ratio Lower Upper
83 100
85 60.5 53.1 79.7

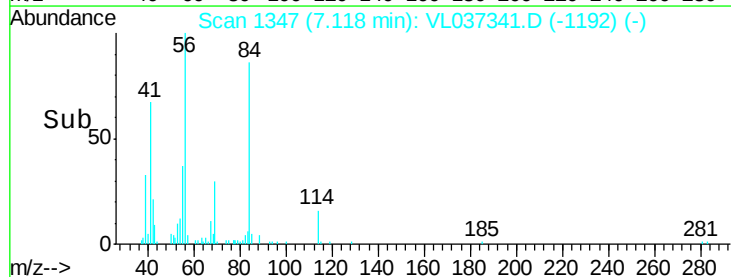
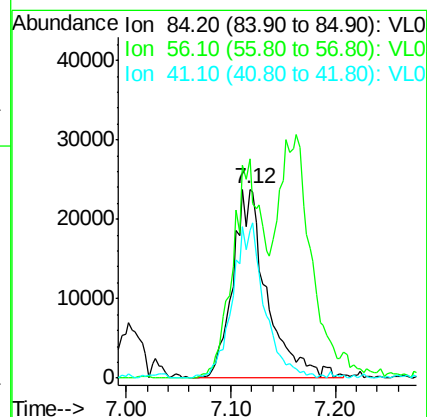
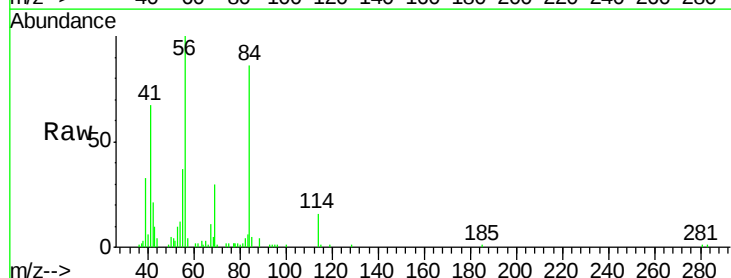
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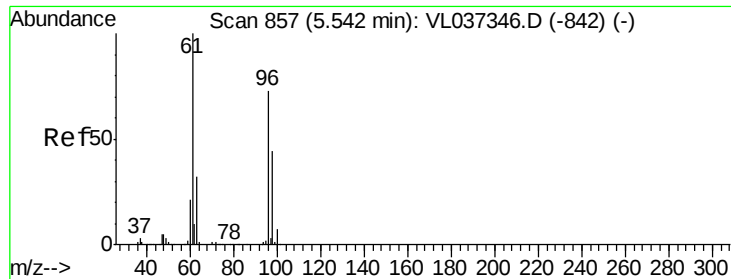
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#30
Cyclohexane
Concen: 0.478 ppbv m
RT: 7.12 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion: 84 Resp: 54743
Ion Ratio Lower Upper
84 100
56 0.0 103.3 154.9#
41 0.0 61.4 92.0#





#31

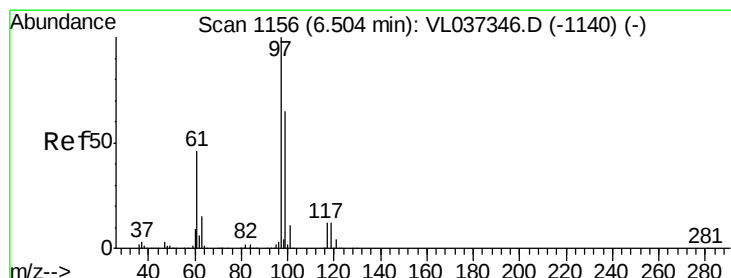
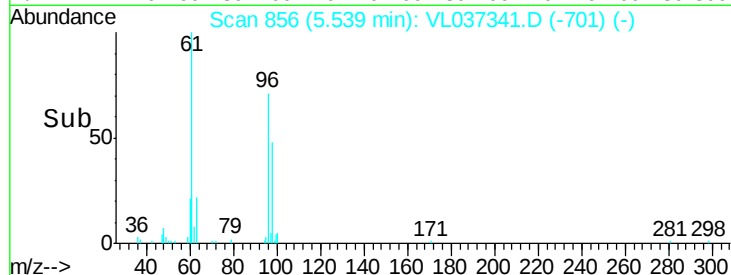
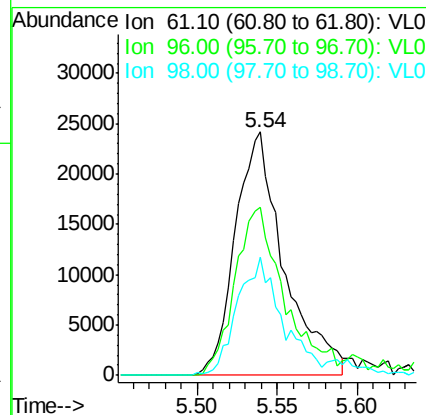
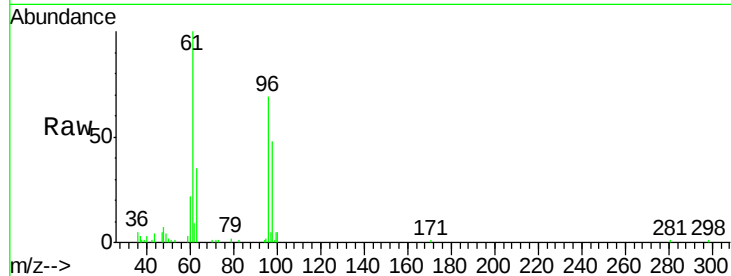
cis-1,2-Dichloroethene
Concen: 0.436 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
61	100		
96	69.0	58.5	87.7
98	48.4	35.1	52.7

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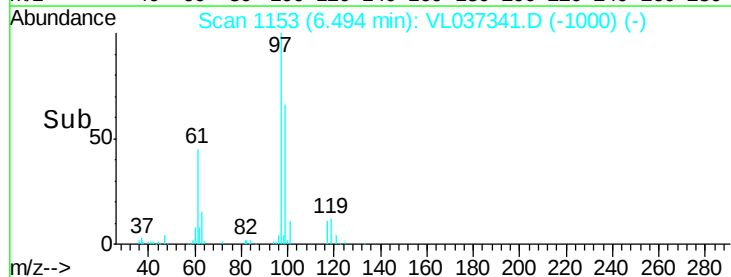
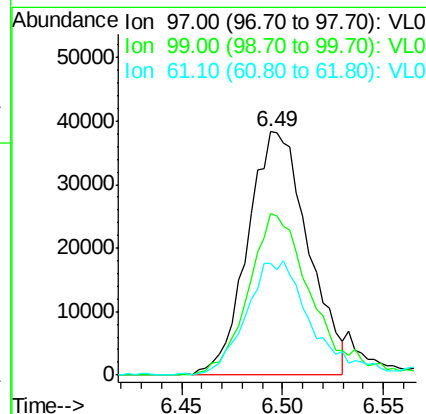
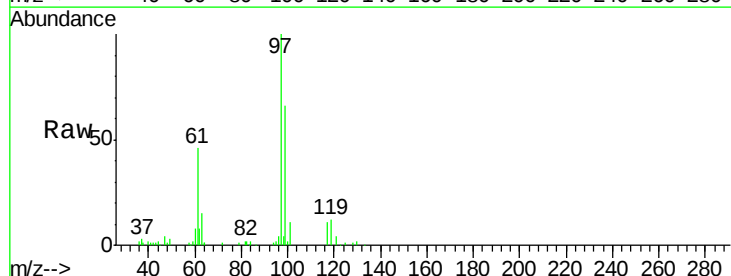
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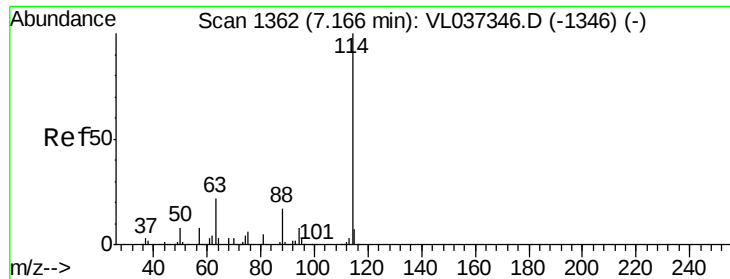


#32

1,1,1-Trichloroethane
Concen: 0.442 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.5	51.8	77.6
61	51.7	37.0	55.4





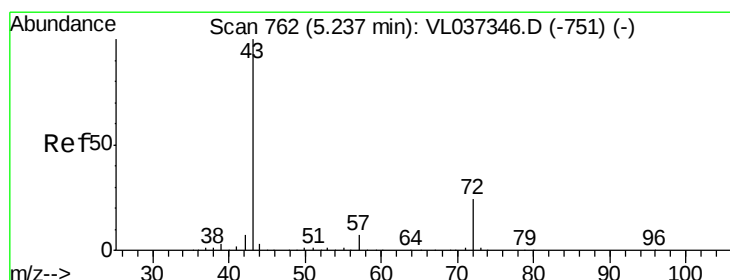
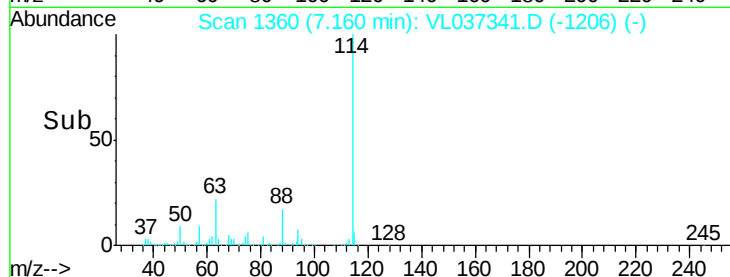
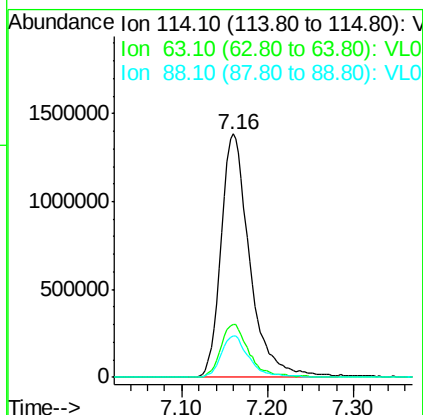
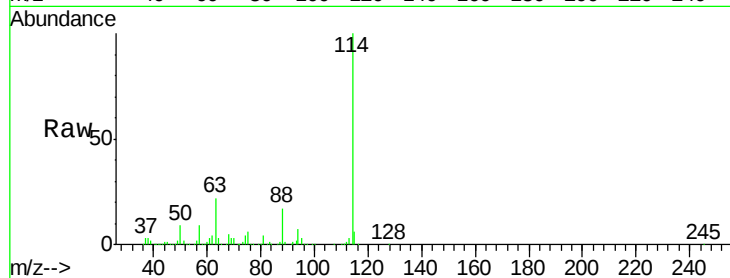
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:114 Resp: 3224746
 Ion Ratio Lower Upper
 114 100
 63 21.8 17.9 26.9
 88 16.8 13.4 20.2

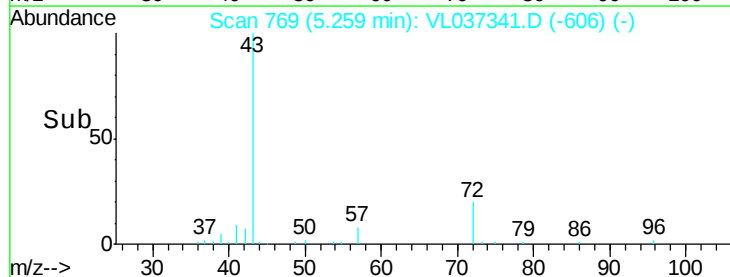
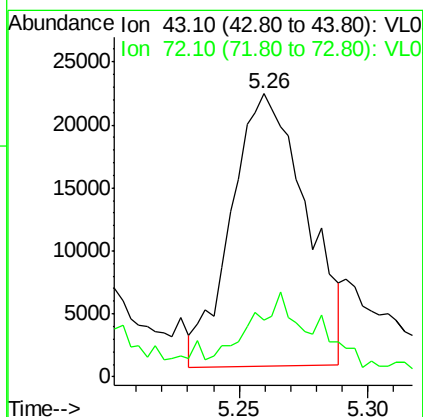
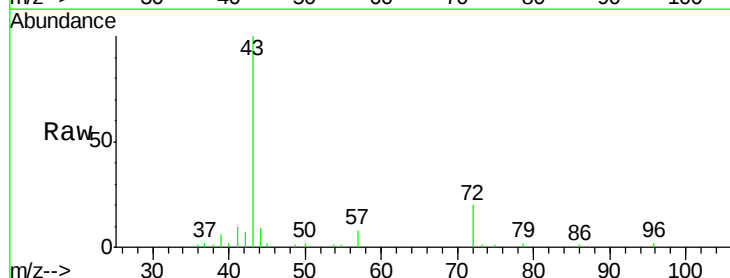
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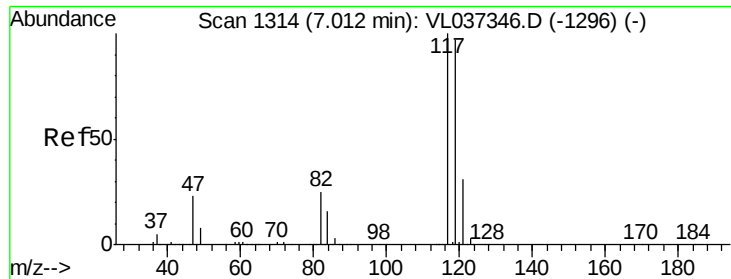
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#34
 2-Butanone
 Concen: 0.392 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion: 43 Resp: 43722
 Ion Ratio Lower Upper
 43 100
 72 39.9 20.2 30.2#





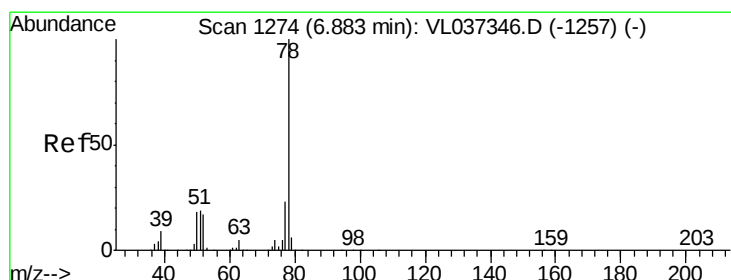
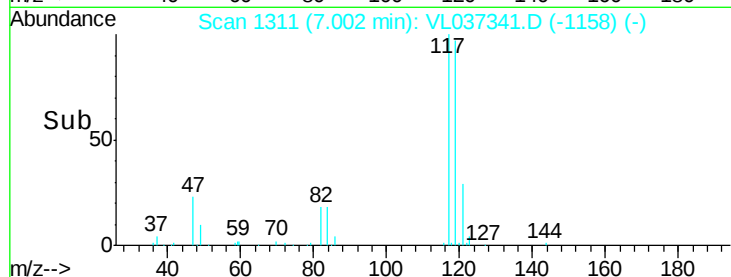
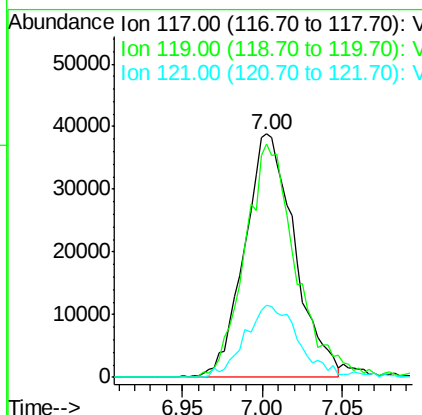
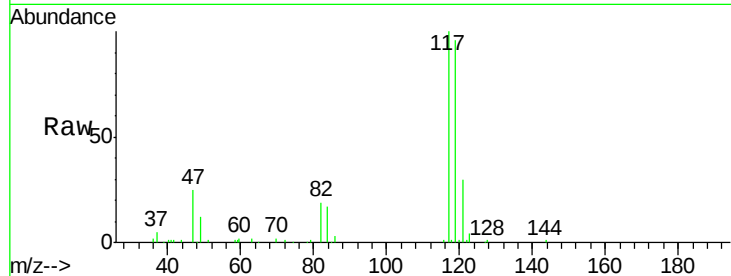
#35
Carbon Tetrachloride
Concen: 0.424 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.8
121	29.8	24.6	36.8

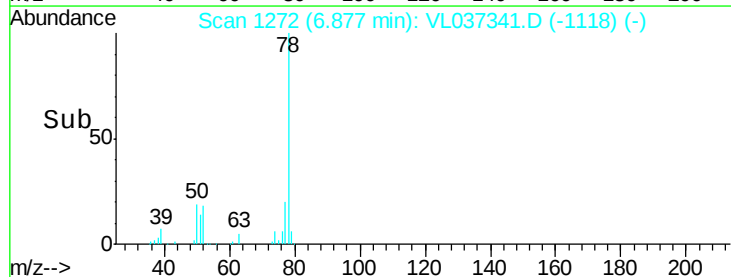
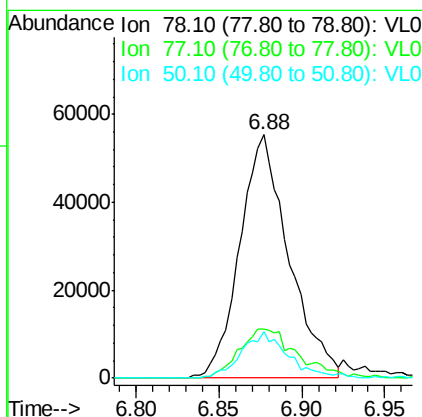
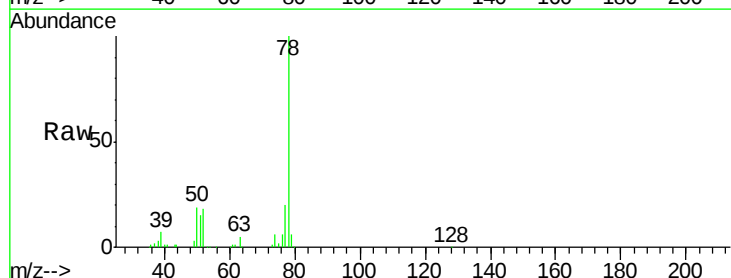
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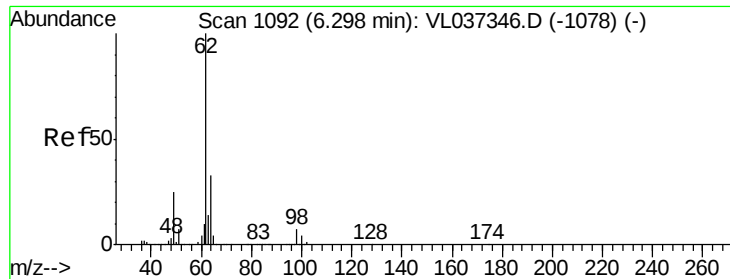
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#36
Benzene
Concen: 0.391 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.1	18.7	28.1
50	19.2	14.6	22.0





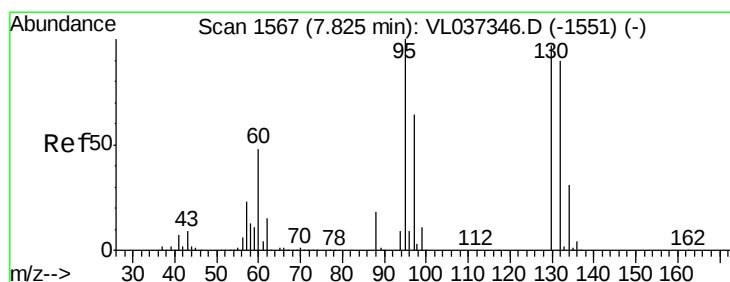
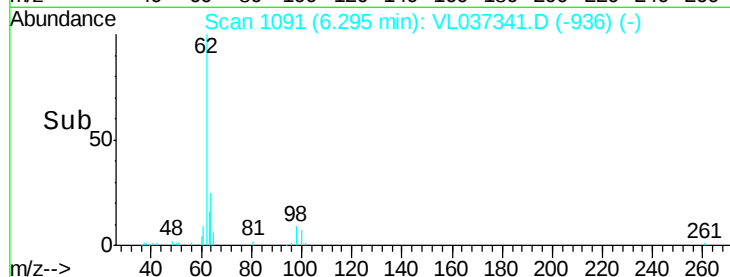
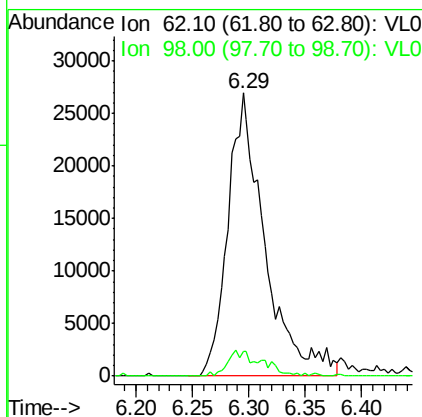
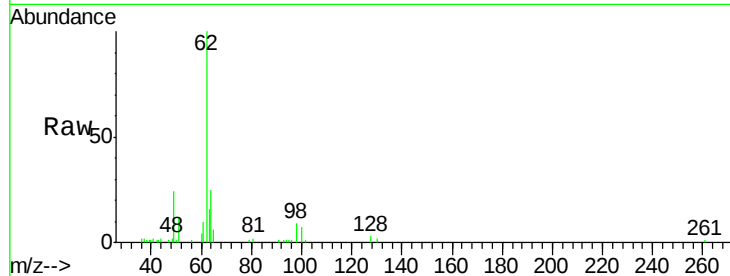
#37
 1,2-Dichloroethane
 Concen: 0.452 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.5	5.6	8.4#

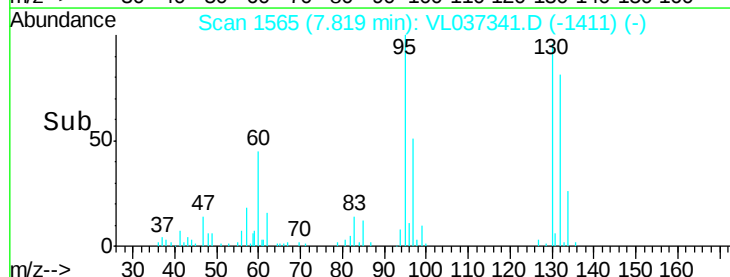
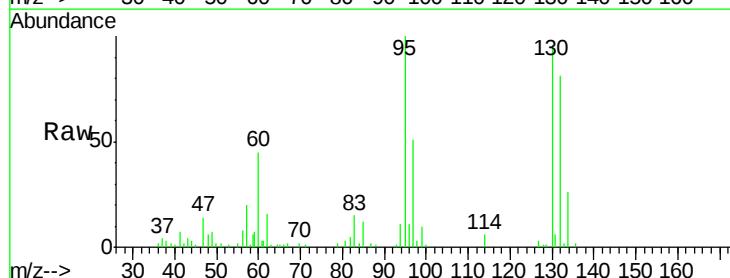
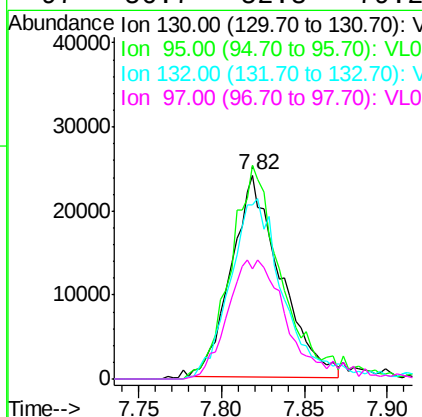
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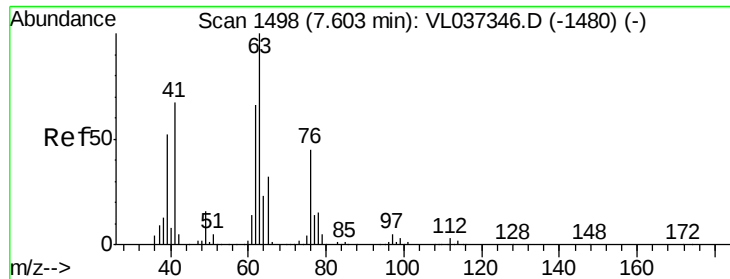
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#38
 Trichloroethene
 Concen: 0.386 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	82.8	124.2
132	84.9	74.9	112.3
97	56.7	52.8	79.2





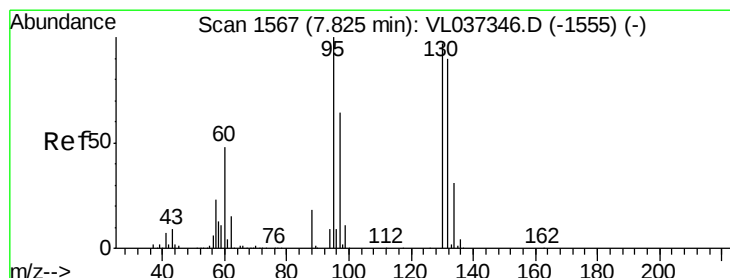
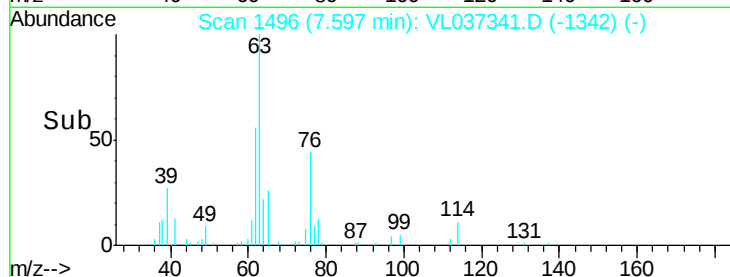
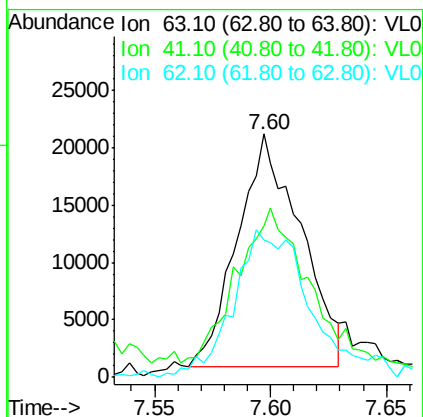
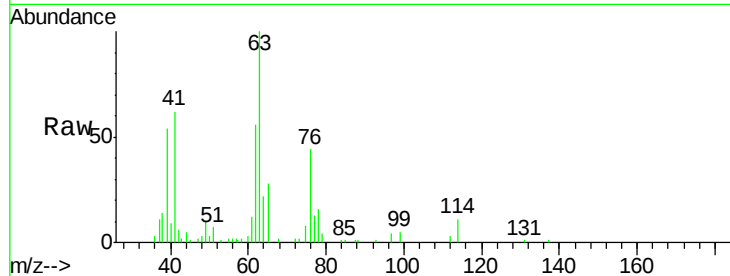
#39
 1,2-Dichloropropane
 Concen: 0.357 ppbv
 RT: 7.60 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	63	Resp:	38609
Ion	Ratio	Lower	Upper
63	100		
41	56.9	53.9	80.9
62	55.3	53.0	79.6

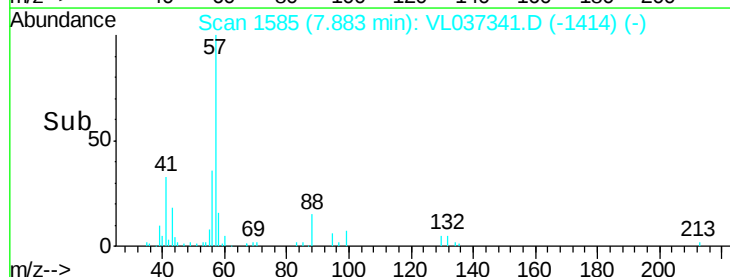
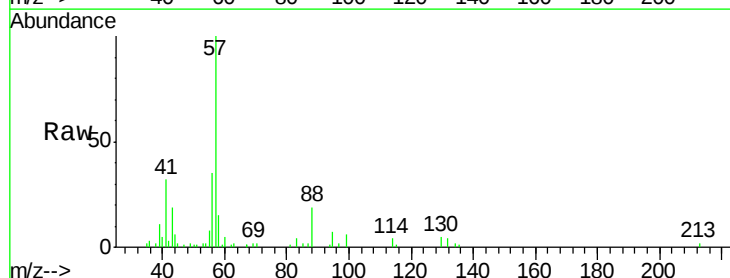
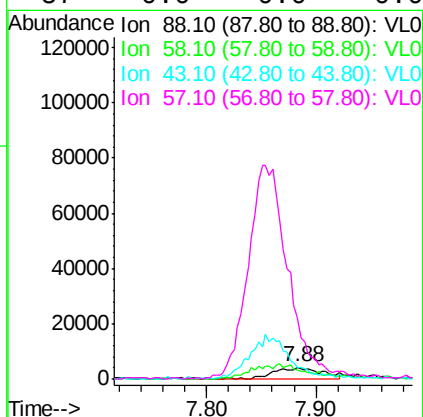
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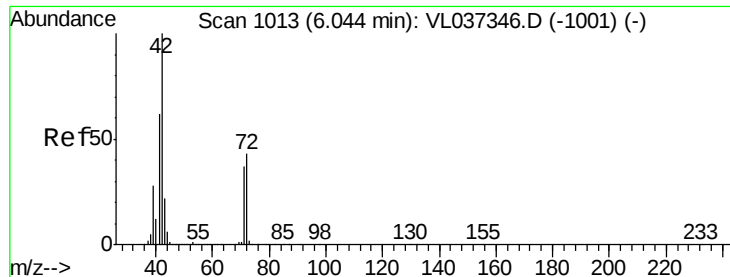
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#40
 1,4-Dioxane
 Concen: 0.397 ppbv m
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.05 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion:	88	Resp:	12518
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





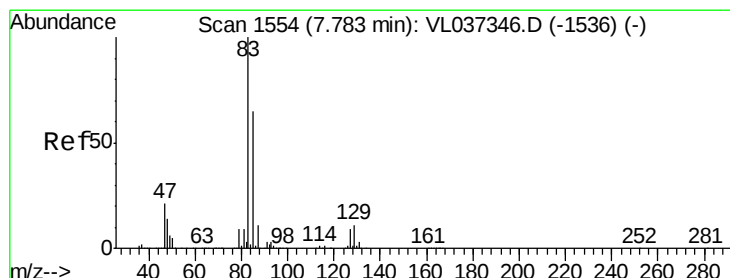
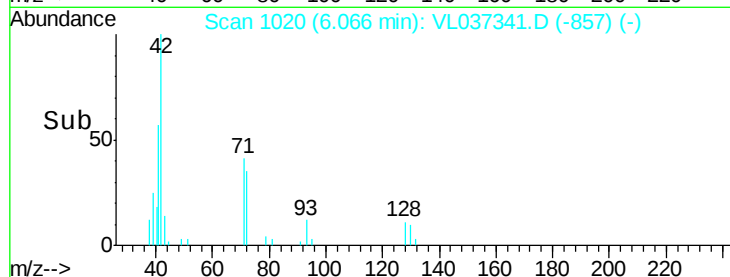
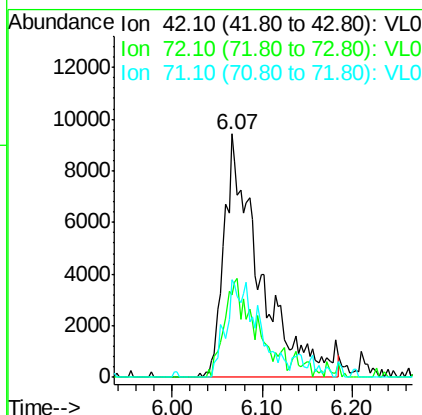
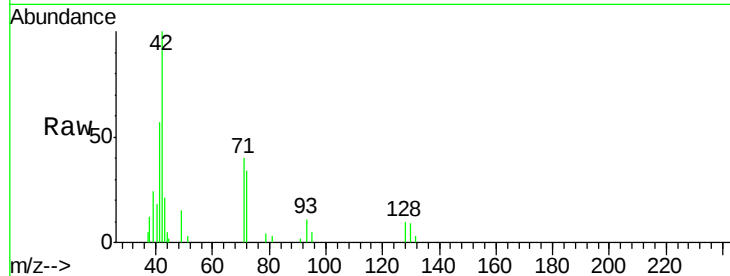
#41
Tetrahydrofuran
Concen: 0.422 ppbv m
RT: 6.07 min Scan# 1020
Delta R.T. 0.02 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	35.6	53.4#
71	36.0	33.8	50.6

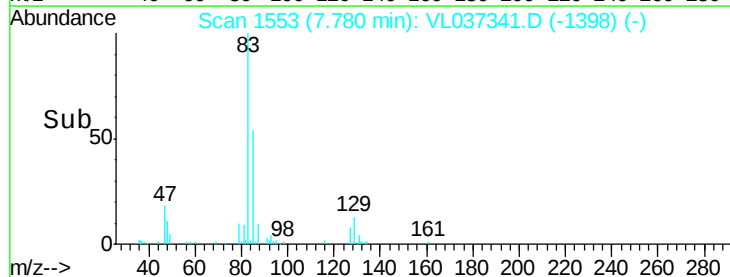
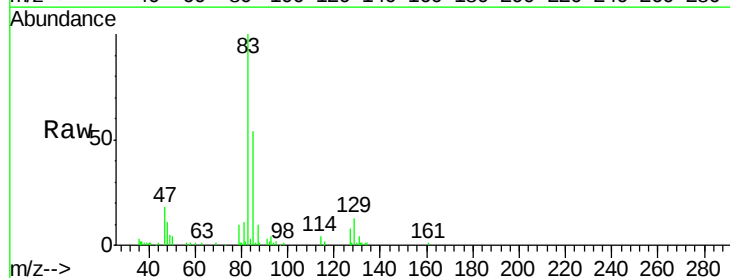
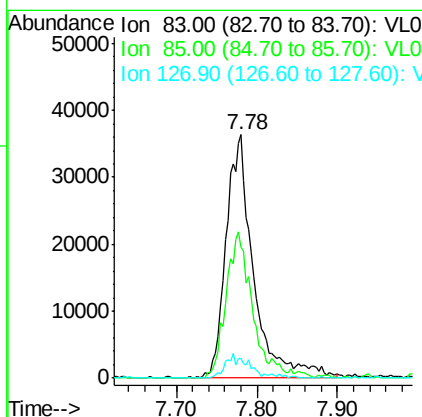
Manual Integrations
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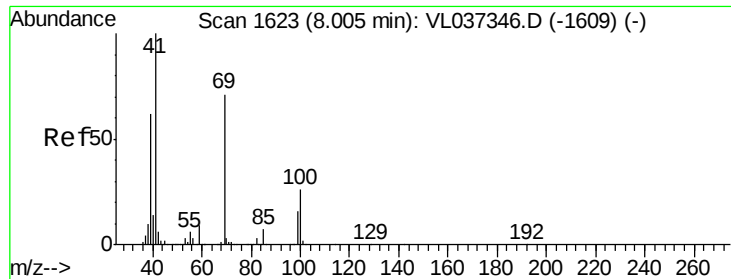
MMDadoda
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#42
Bromodichloromethane
Concen: 0.428 ppbv m
RT: 7.78 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.1	78.1
127	8.1	7.0	10.6





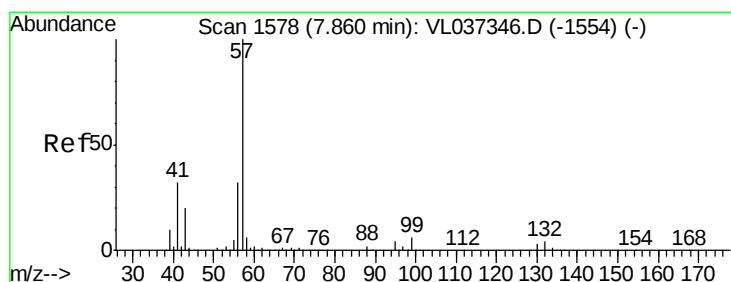
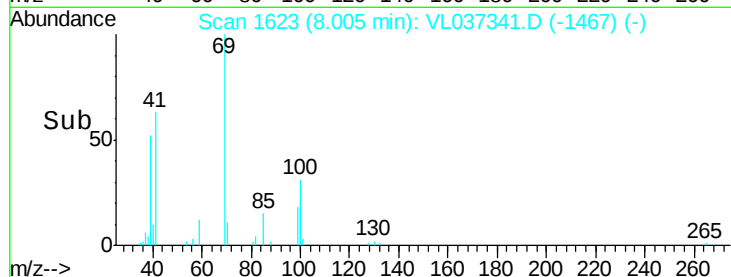
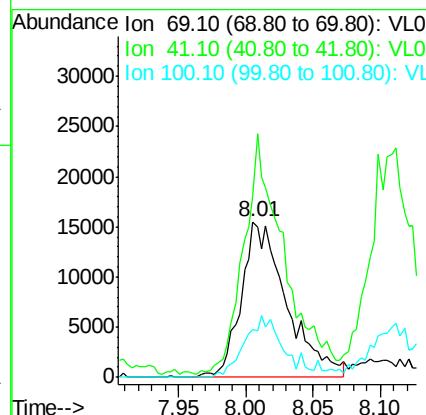
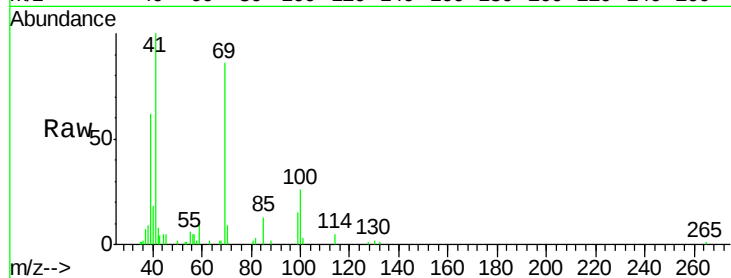
#43
Methvl Methacrylate
Concen: 0.370 ppbv m
RT: 8.01 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
69	100		
41	0.0	115.0	172.4#
100	0.0	30.1	45.1#

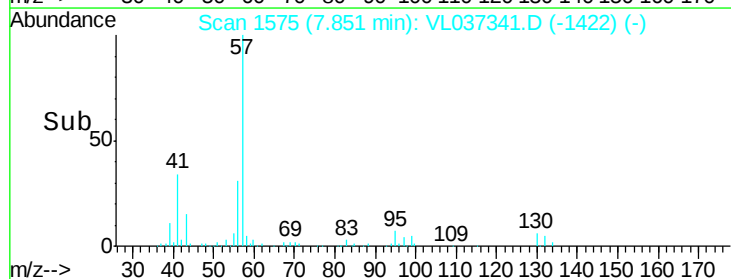
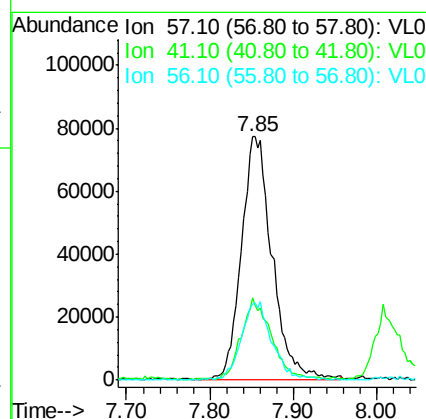
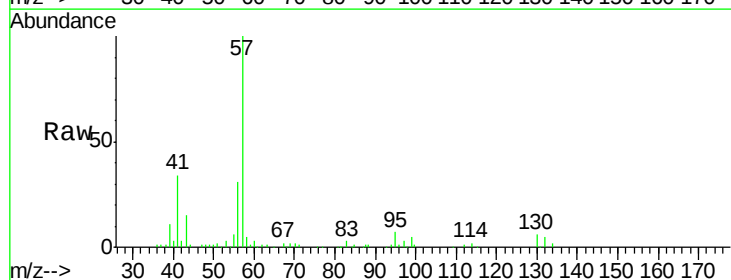
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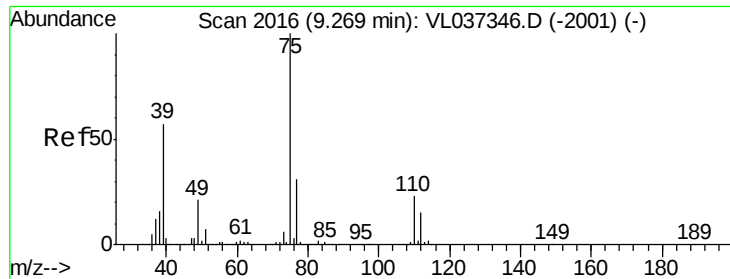
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#44
2,2,4-Trimethylpentane
Concen: 0.413 ppbv m
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.2	26.1	39.1
56	0.0	25.0	37.4#





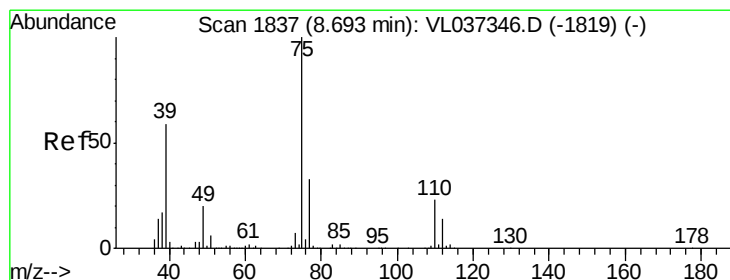
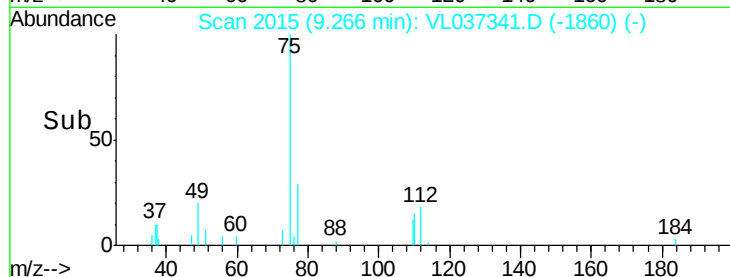
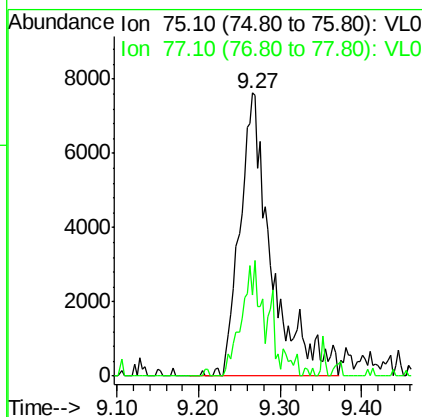
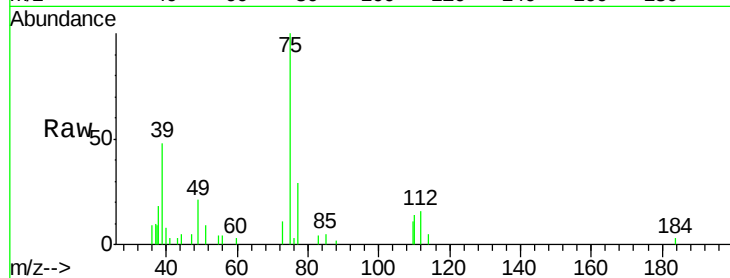
#45
 t-1,3-Dichloropropene
 Concen: 0.277 ppbv m
 RT: 9.27 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 75 Resp: 20634
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.7 37.1

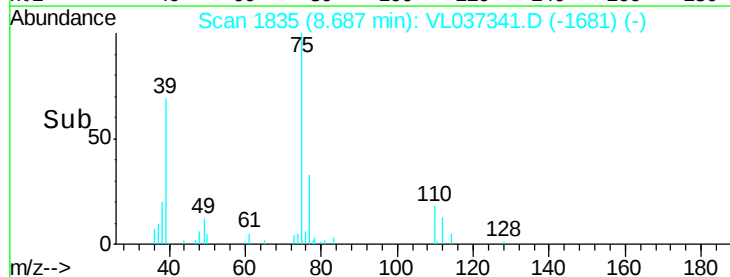
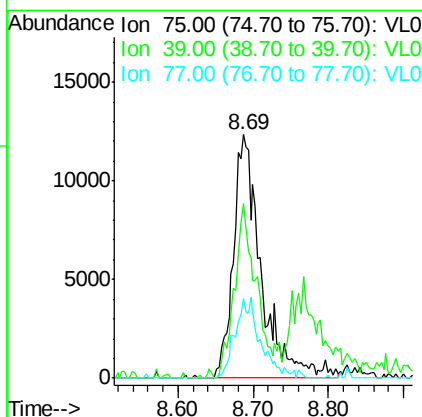
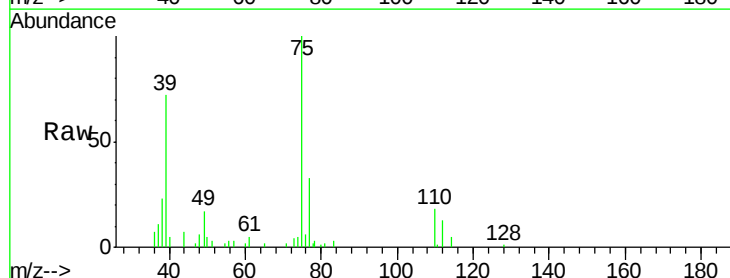
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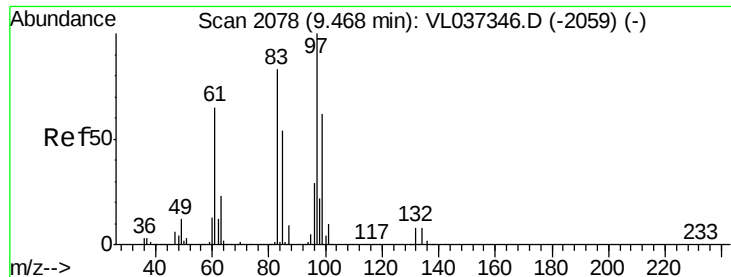
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#46
 cis-1,3-Dichloropropene
 Concen: 0.293 ppbv m
 RT: 8.69 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion: 75 Resp: 31562
 Ion Ratio Lower Upper
 75 100
 39 71.9 47.2 70.8#
 77 32.8 26.2 39.4





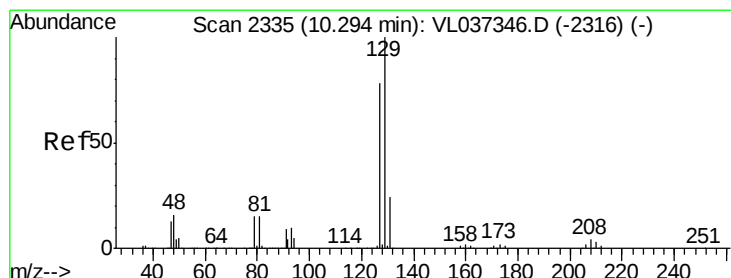
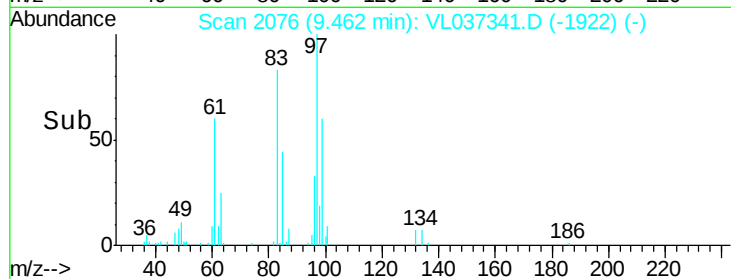
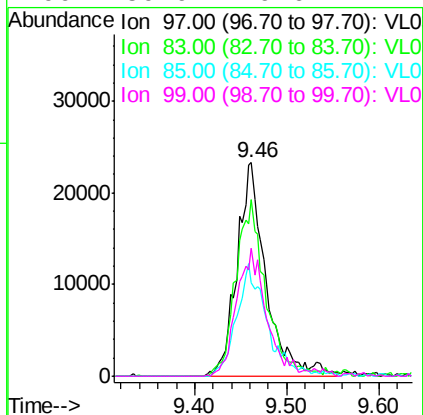
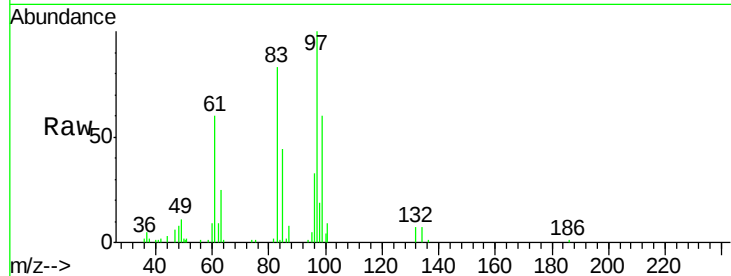
#47
1,1,2-Trichloroethane
Concen: 0.438 ppbv m
RT: 9.46 min Scan# 2076
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		51111		
83	82.8	66.1	99.1		
85	43.8	43.1	64.7		
99	59.9	49.6	74.4		

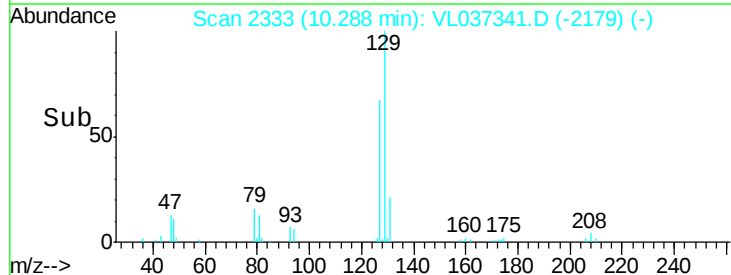
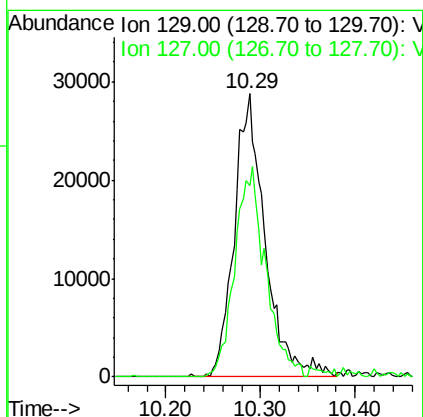
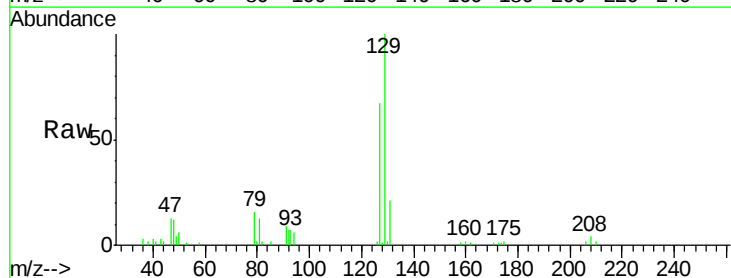
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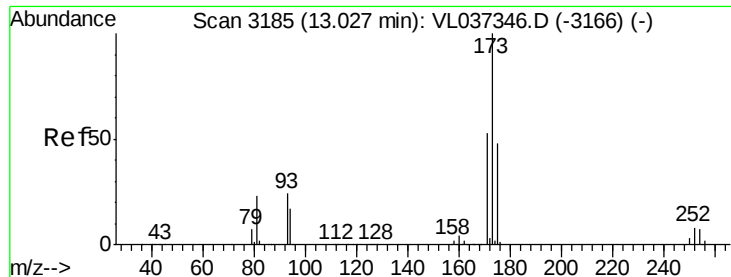
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#48
Dibromochloromethane
Concen: 0.372 ppbv m
RT: 10.29 min Scan# 2333
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		65356		
127	73.7	39.3	117.8		





#49

Bromoform

Concen: 0.300 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

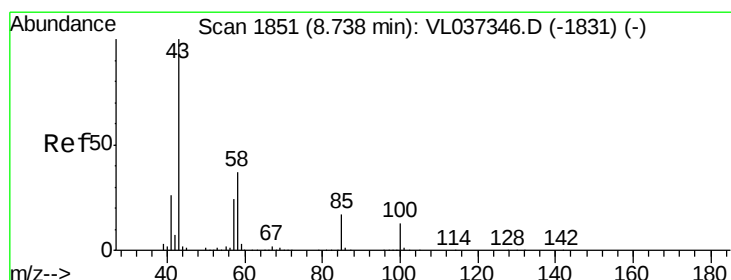
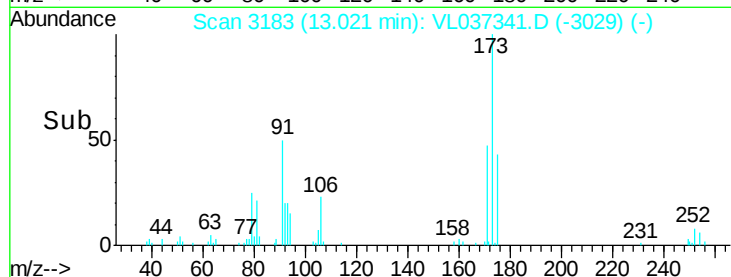
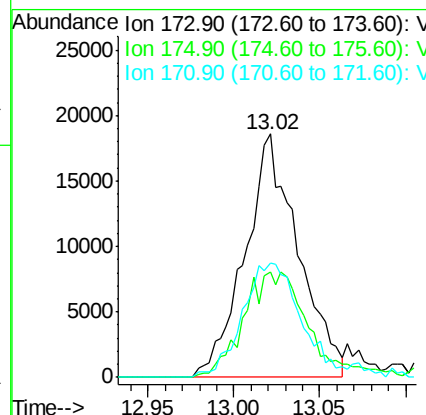
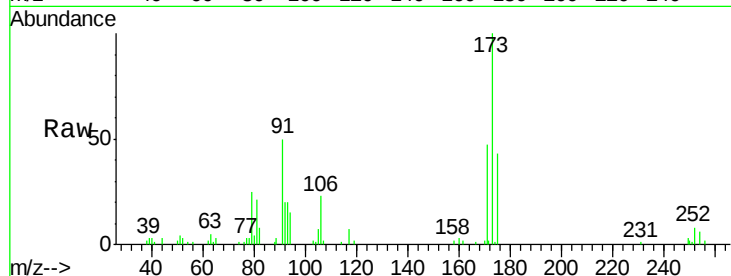
ClientSampleId :

VSTDIC0.5

Tot Ion:	173	Resp:	40027
Ion	Ratio	Lower	Upper
173	100		
175	52.7	39.6	59.4
171	54.0	42.2	63.4

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#50

4-Methyl-2-Pentanone

Concen: 0.427 ppbv m

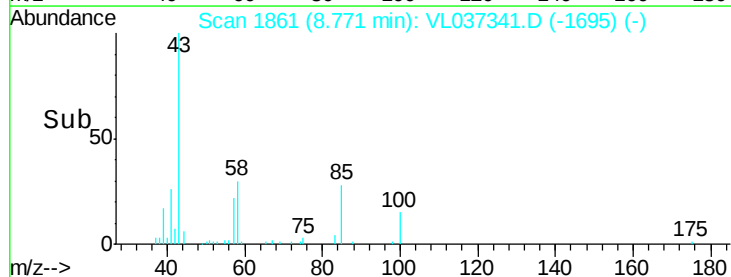
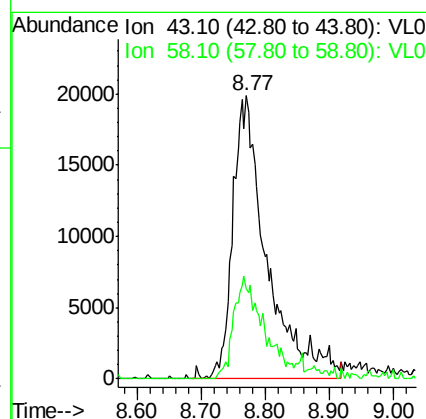
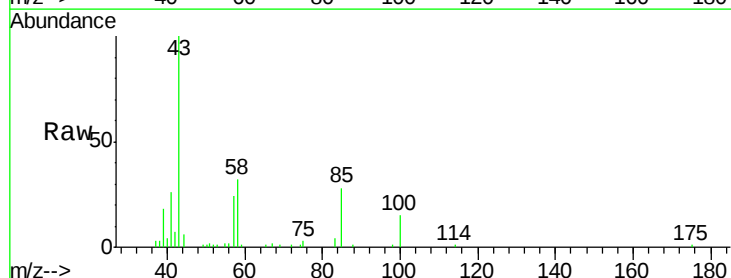
RT: 8.77 min Scan# 1861

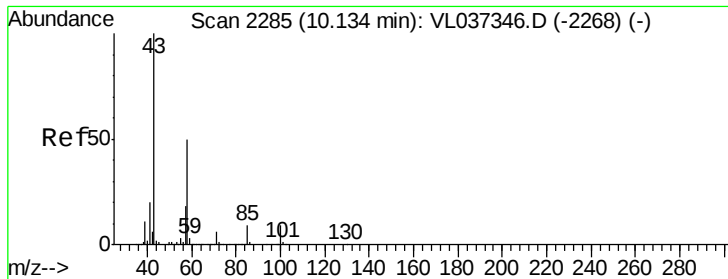
Delta R.T. 0.03 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Tgt Ion:	43	Resp:	73641
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.9	44.9#





#51

2-Hexanone

Concen: 0.447 ppbv m

RT: 10.17 min Scan# 2297

Delta R.T. 0.04 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

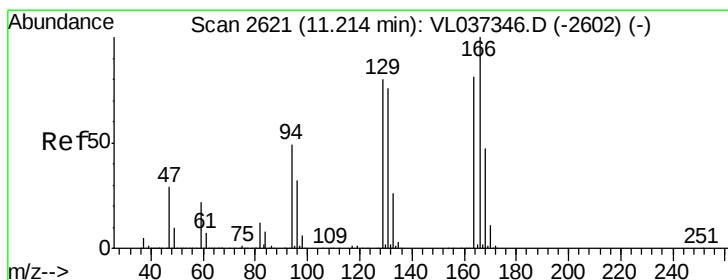
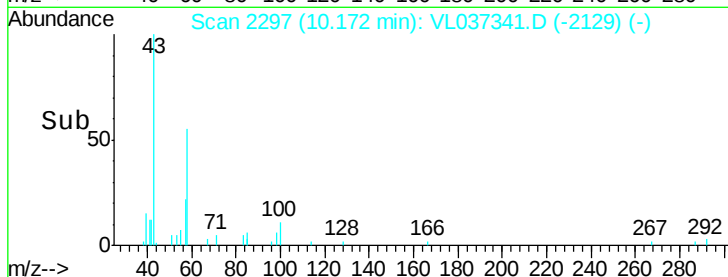
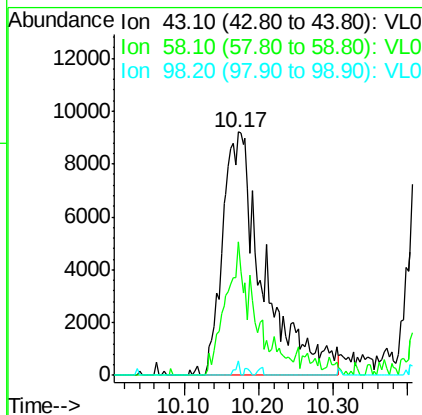
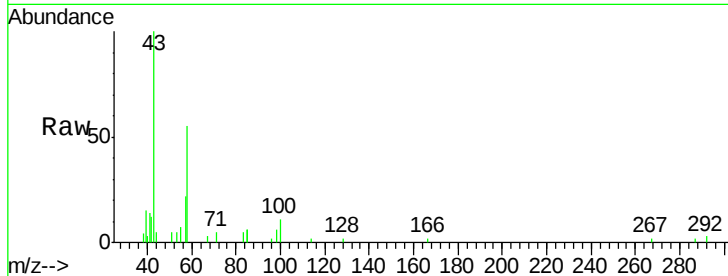
ClientSampleId :

VSTDIC0.5

Tot Ion:	43	Resp:	35146
Ion Ratio	Lower	Upper	
43	100		
58	0.0	40.4	60.6#
98	0.0	0.4	0.6#

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#52

Tetrachloroethene

Concen: 0.406 ppbv

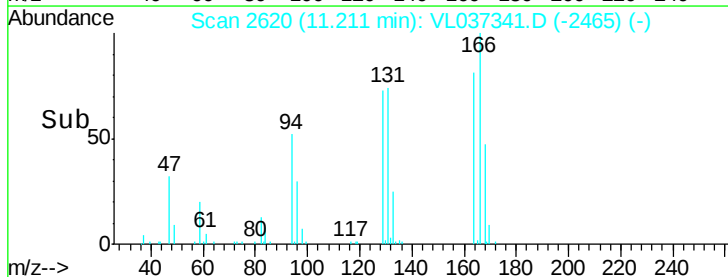
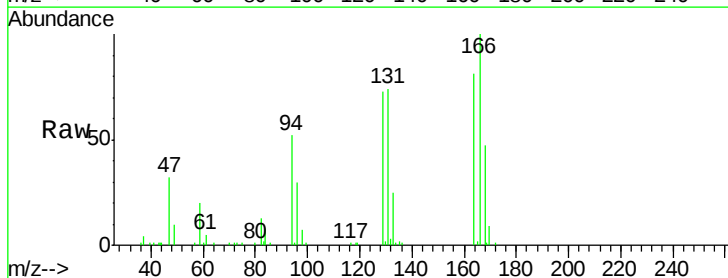
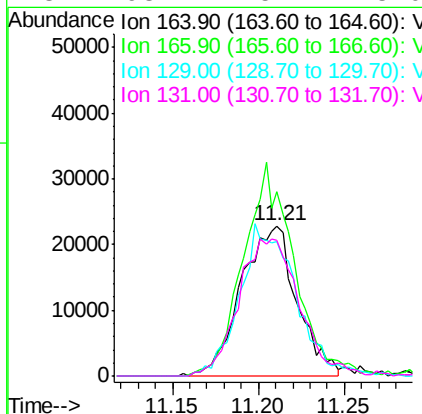
RT: 11.21 min Scan# 2620

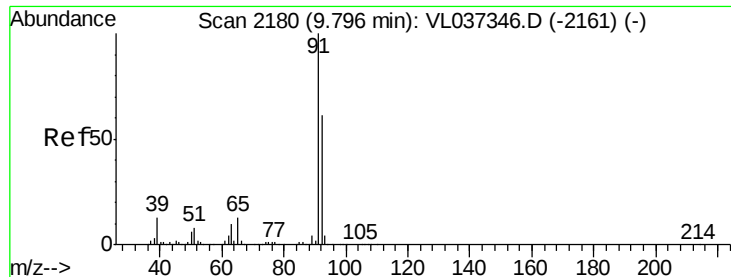
Delta R.T. -0.00 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Tgt Ion:	164	Resp:	51224
Ion Ratio	Lower	Upper	
164	100		
166	121.7	99.4	149.0
129	89.3	79.2	118.8
131	93.7	75.4	113.0





#53

Toluene

Concen: 0.368 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 91 Resp: 127284

Ion Ratio Lower Upper

91 100

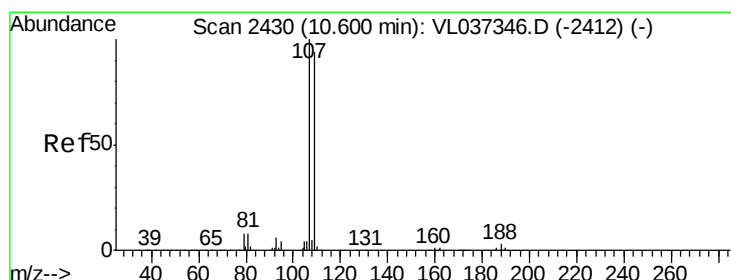
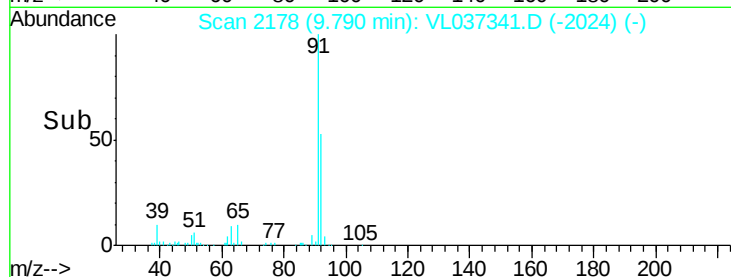
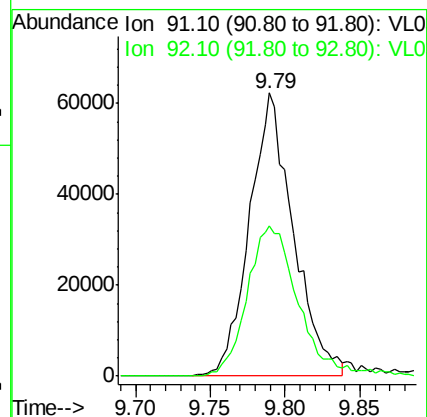
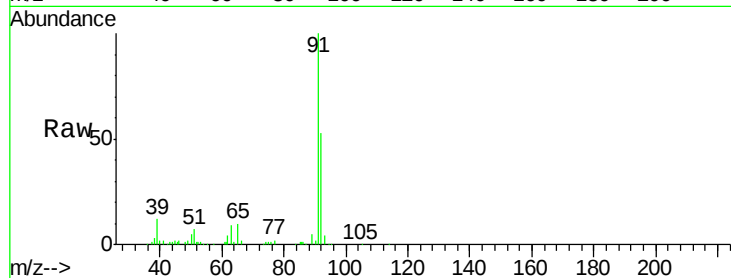
92 62.3 48.2 72.4

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#54

1,2-Dibromoethane

Concen: 0.403 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL037341.D

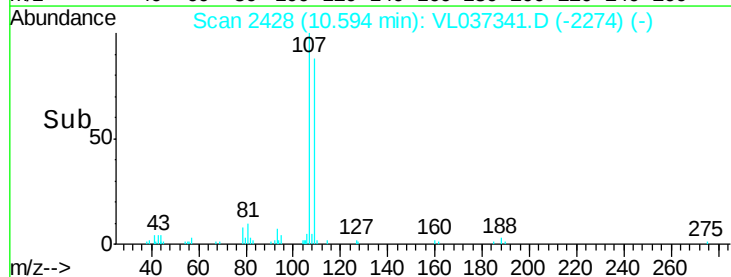
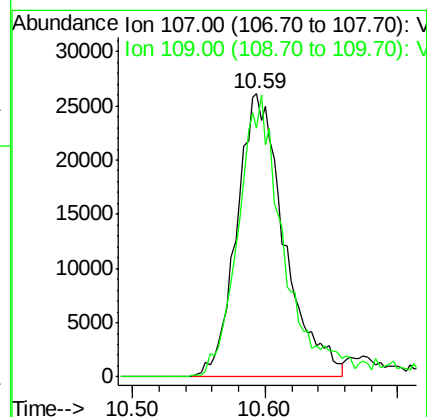
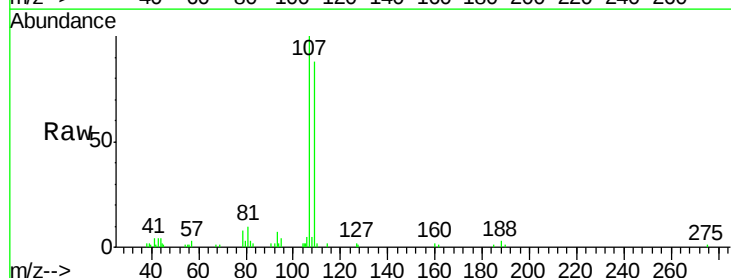
Acq: 6 Aug 2021 11:56

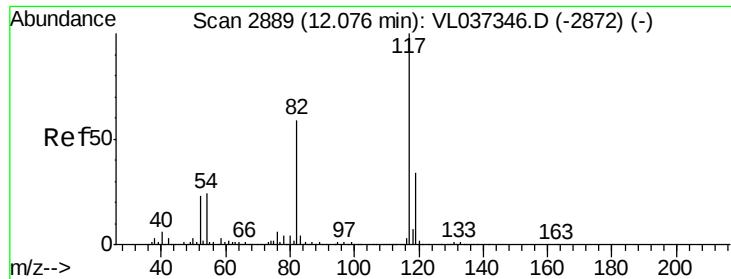
Tgt Ion: 107 Resp: 65185

Ion Ratio Lower Upper

107 100

109 87.0 75.1 112.7





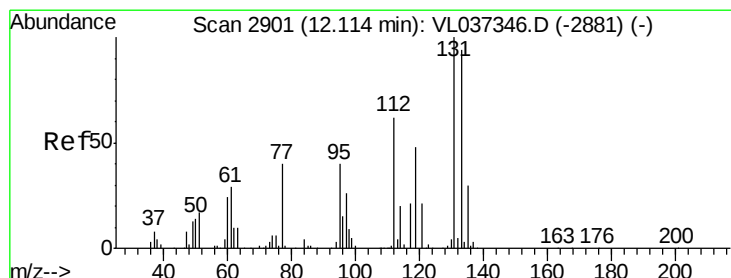
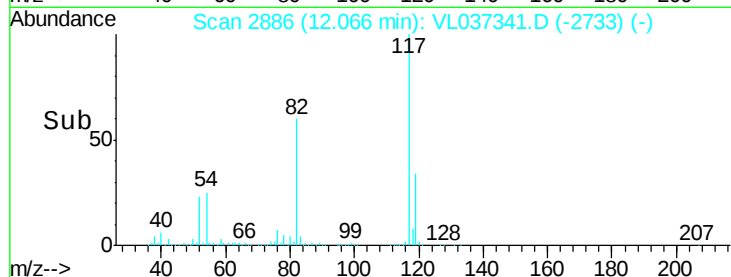
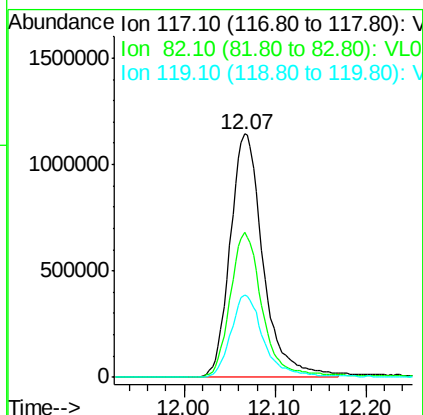
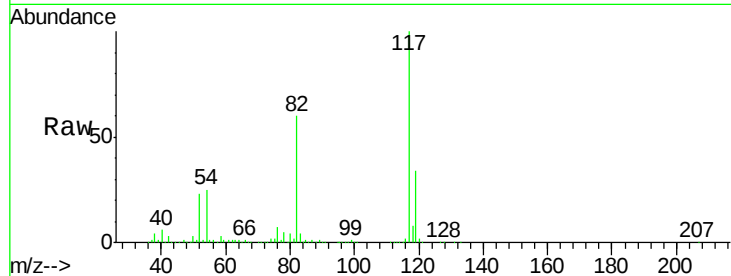
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion:117 Resp: 2882769
Ion Ratio Lower Upper
117 100
82 58.6 50.5 75.7
119 34.5 50.7 76.1#

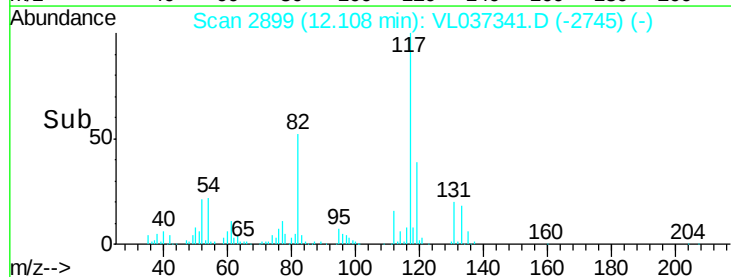
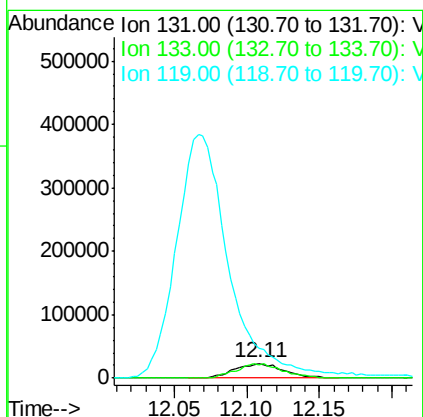
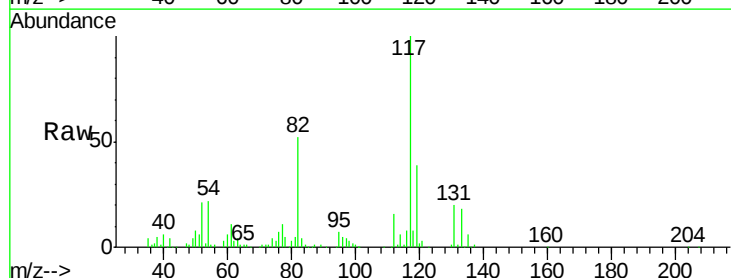
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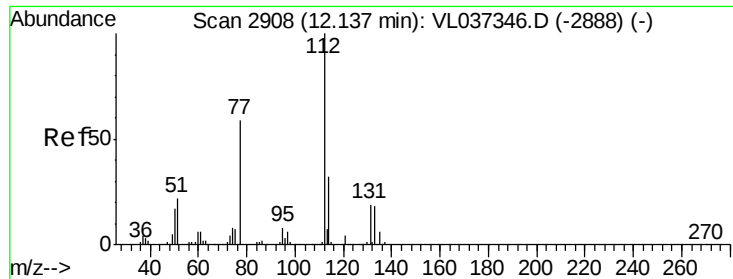
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.420 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion:131 Resp: 54407
Ion Ratio Lower Upper
131 100
133 96.9 76.6 114.8
119 1834.1 111.0 166.4#





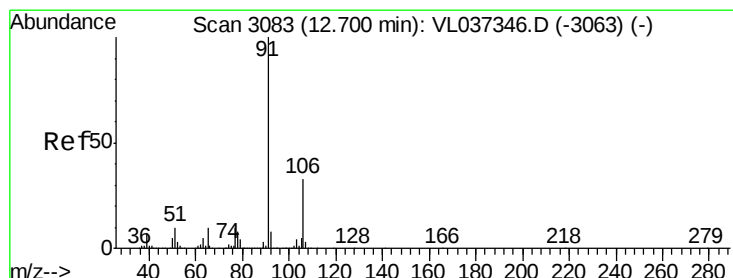
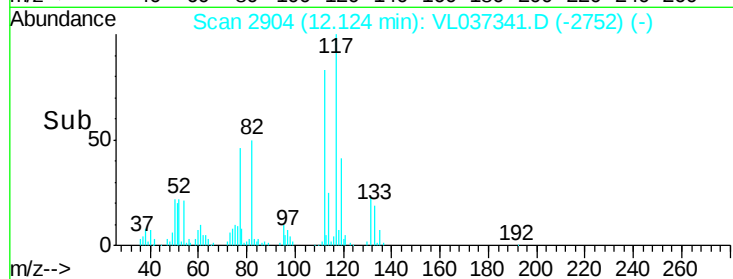
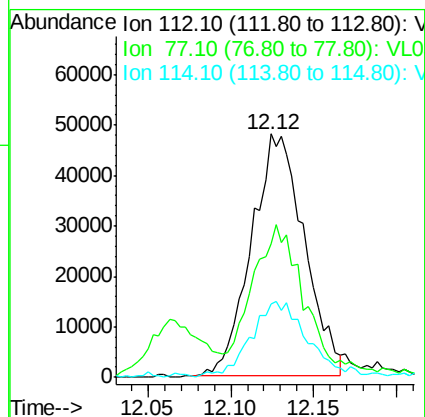
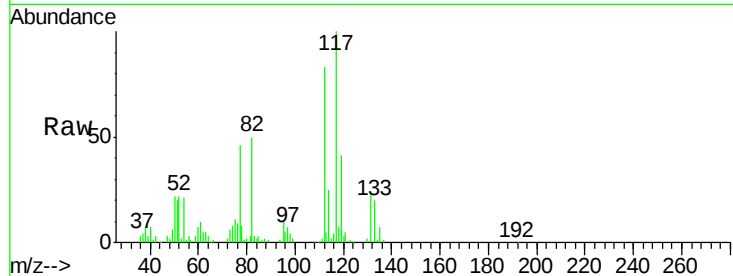
#57
Chlorobenzene
Concen: 0.428 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
112	100		
77	47.8	48.1	72.1#
114	29.5	29.0	35.4

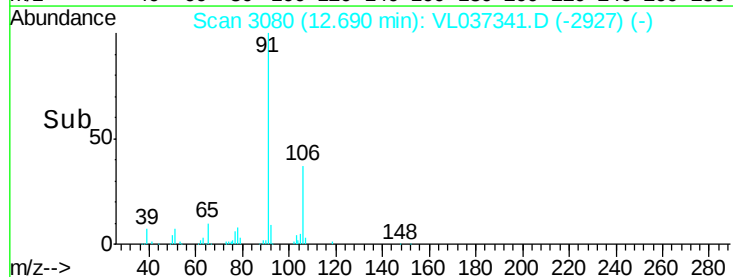
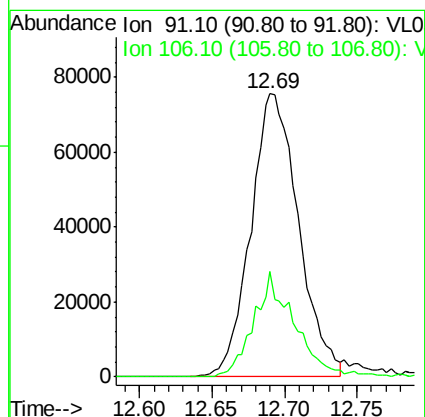
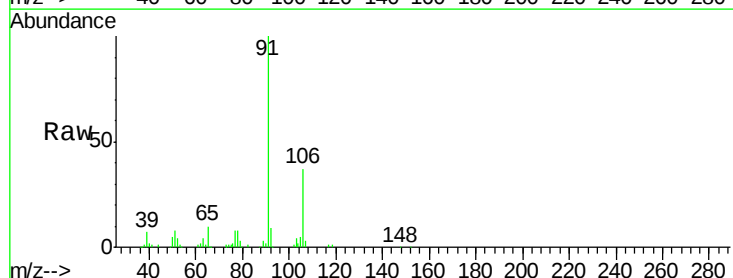
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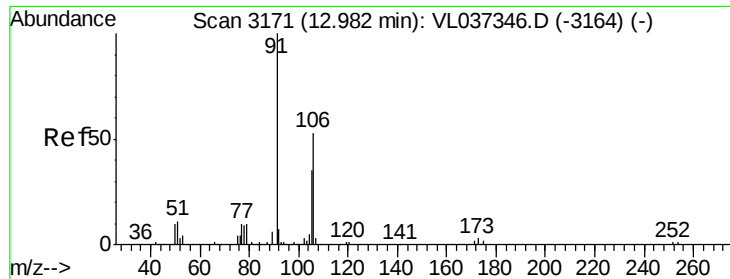
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#58
Ethyl Benzene
Concen: 0.401 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	37.2	26.2	39.2





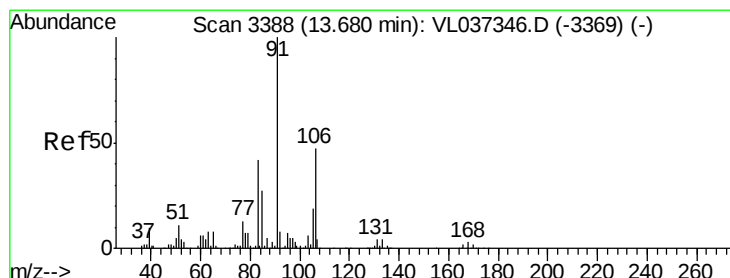
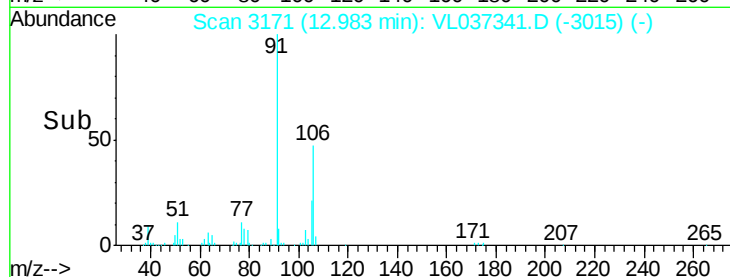
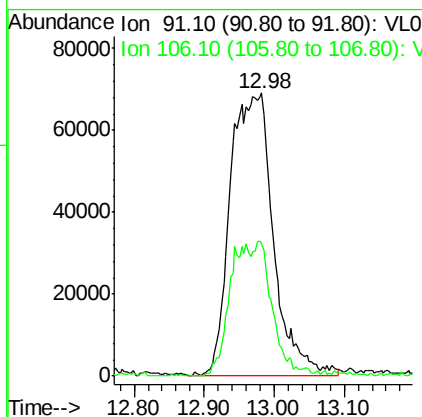
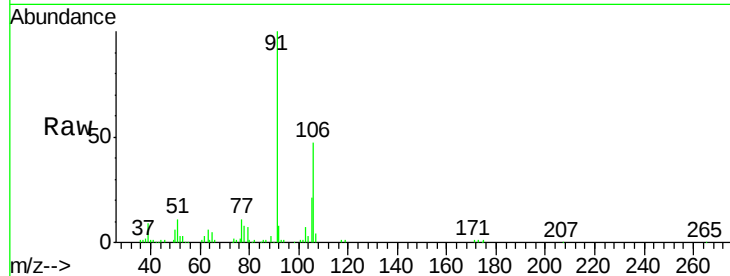
#59
m/p-Xylene
Concen: 0.819 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion: 91 Resp: 297983
Ion Ratio Lower Upper
91 100
106 0.0 37.2 55.8#

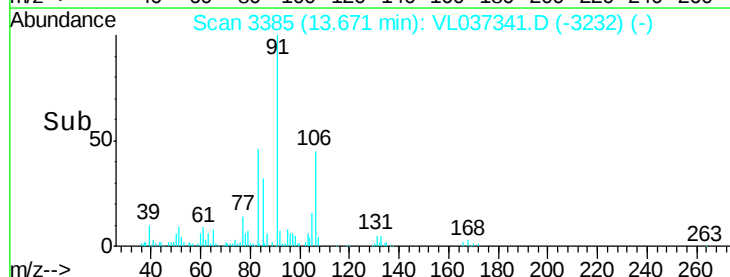
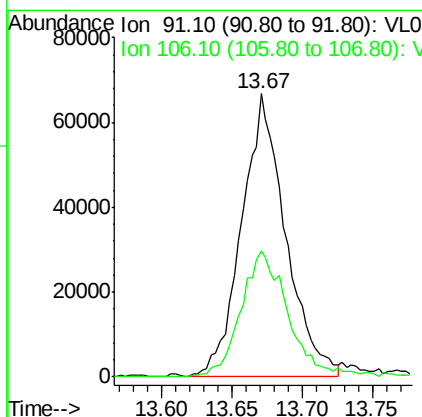
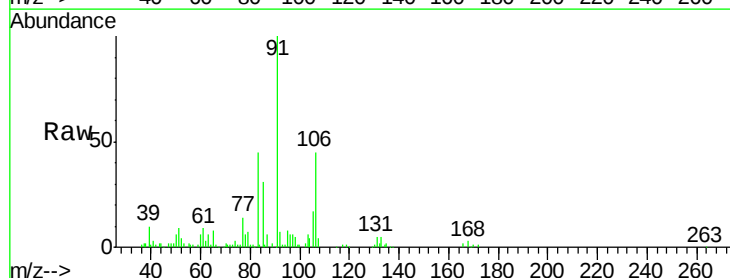
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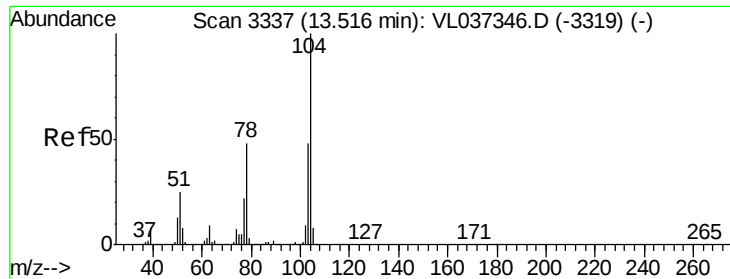
MMDadoda
8/10/2021 6:09:20 PM



#60
o-Xylene
Concen: 0.429 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion: 91 Resp: 144587
Ion Ratio Lower Upper
91 100
106 48.9 23.2 69.5





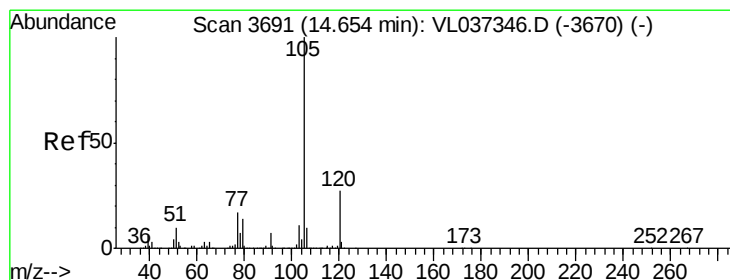
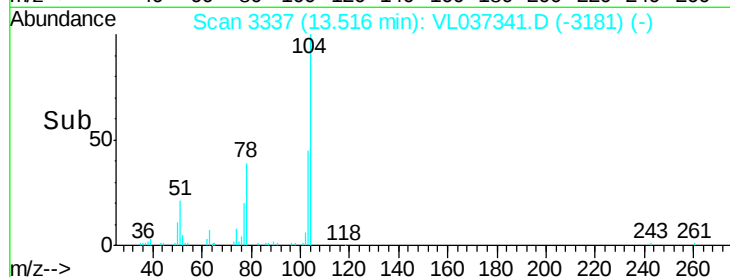
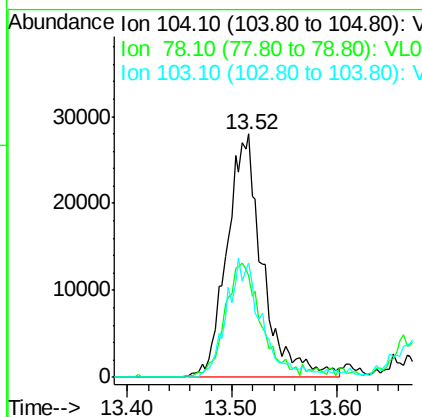
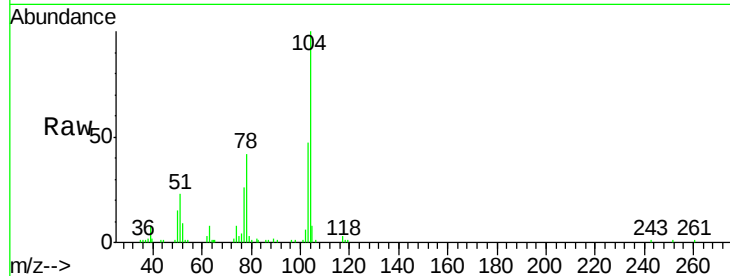
#61
Stvrene
Concen: 0.364 ppbv m
RT: 13.52 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.1	38.4	57.6
103	48.6	38.3	57.5

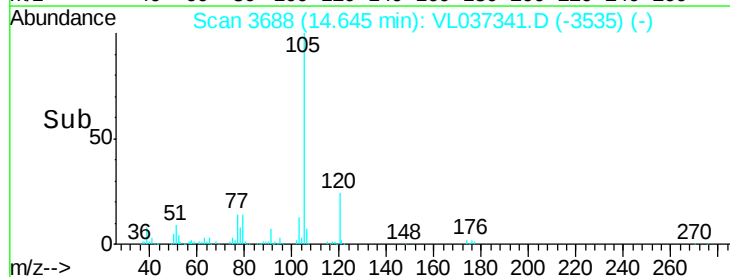
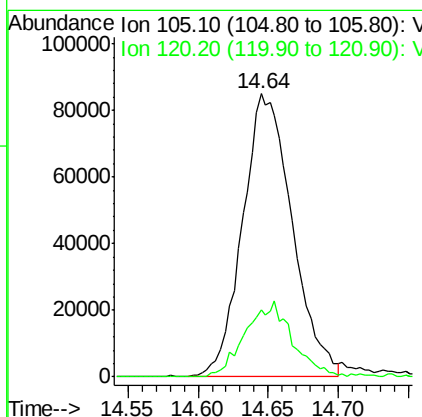
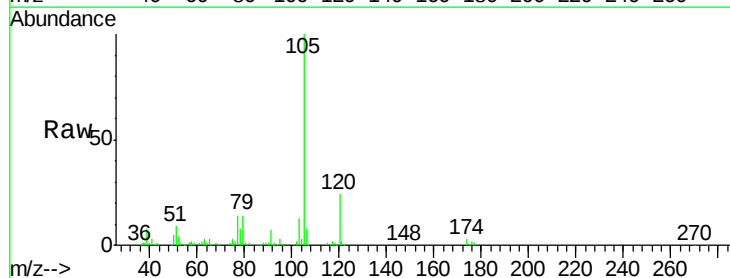
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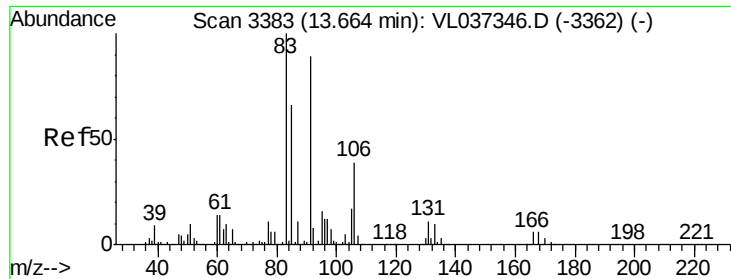
MMDadoda
8/10/2021 6:09:20 PM



#62
Isopropylbenzene
Concen: 0.428 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.4	32.2





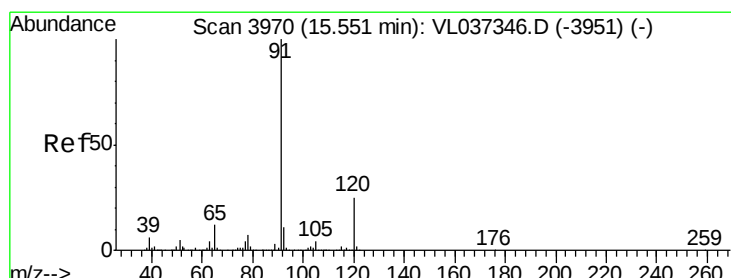
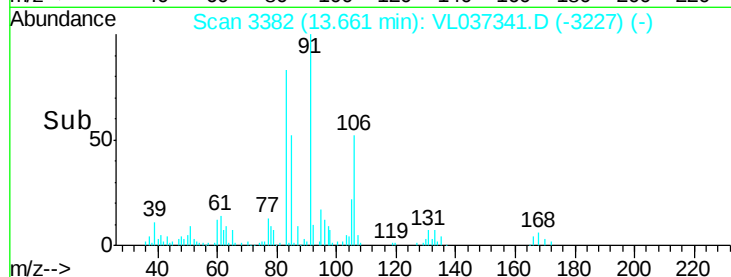
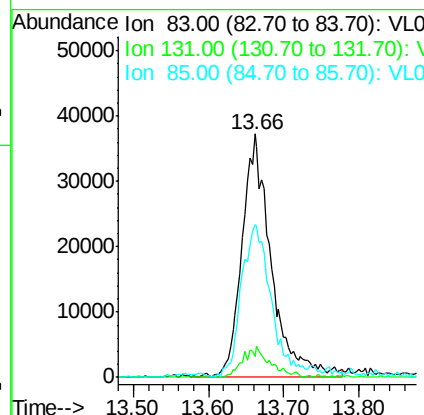
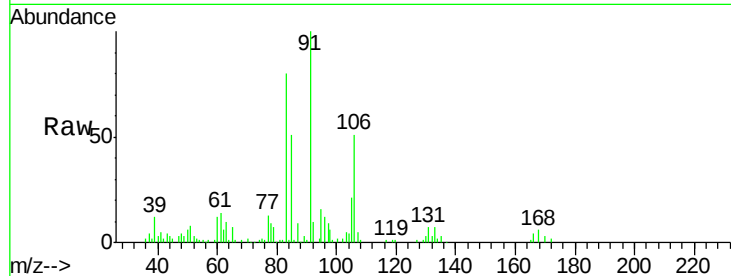
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.424 ppbv m
 RT: 13.66 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
83	100	101364		
131	11.6	5.3	16.1	
85	64.7	33.1	99.2	

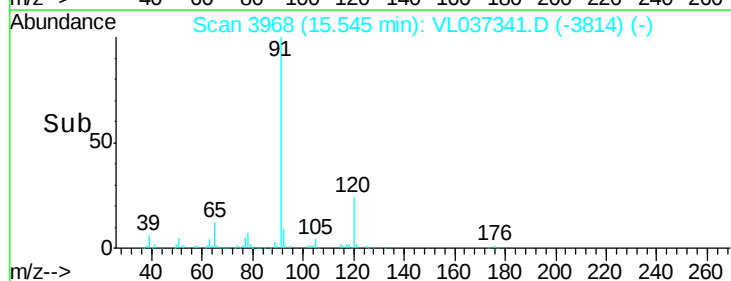
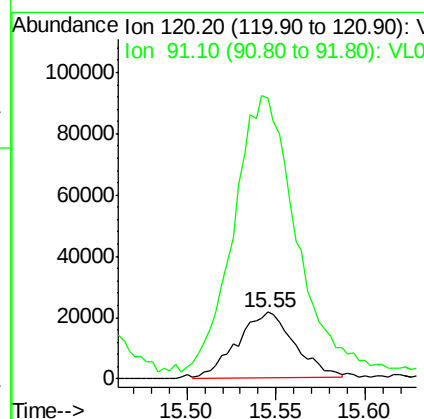
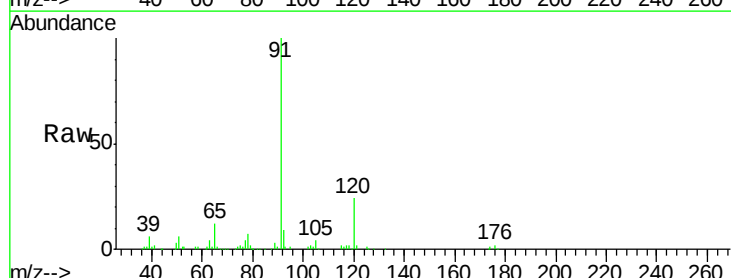
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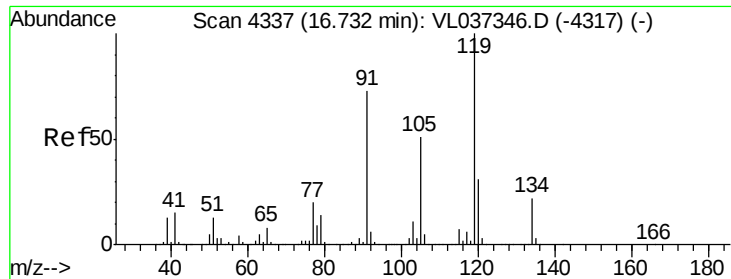
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#64
 n-propylbenzene
 Concen: 0.379 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
120	100	48044		
91	504.9	345.0	517.4	





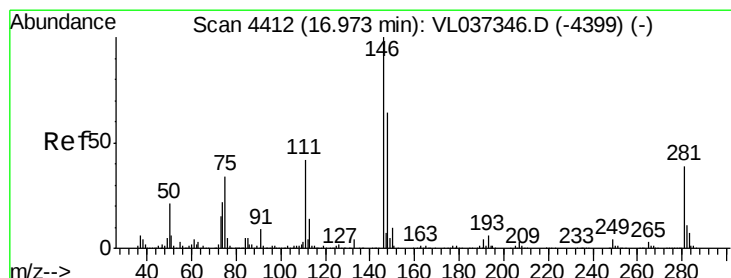
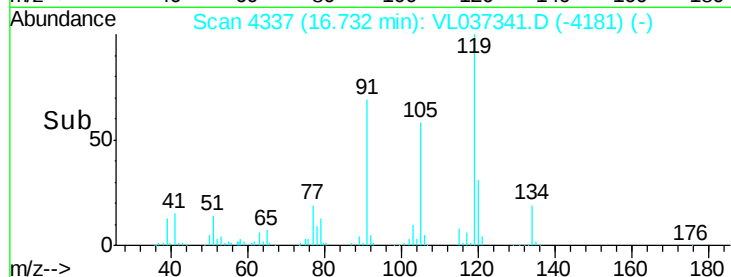
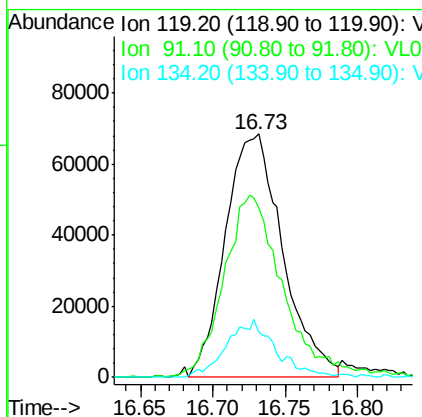
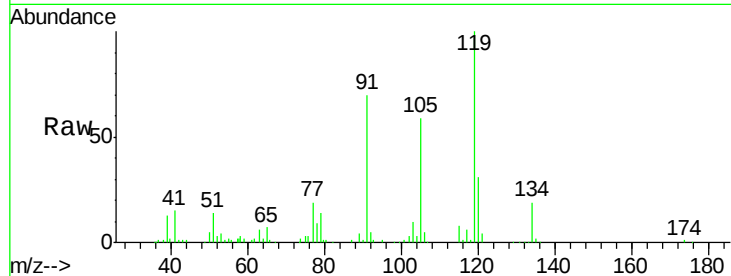
#65
tert-Butylbenzene
Concen: 0.422 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. 0.00 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188443		
91	77.2	59.5	89.3	
134	20.8	16.6	25.0	

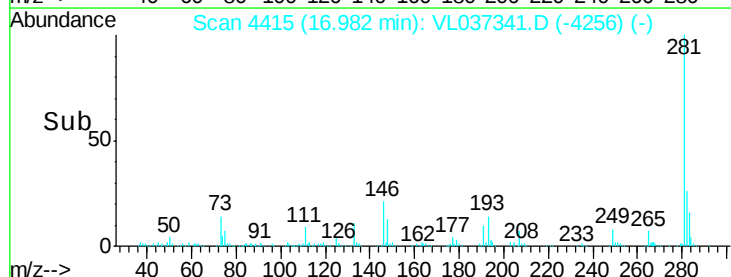
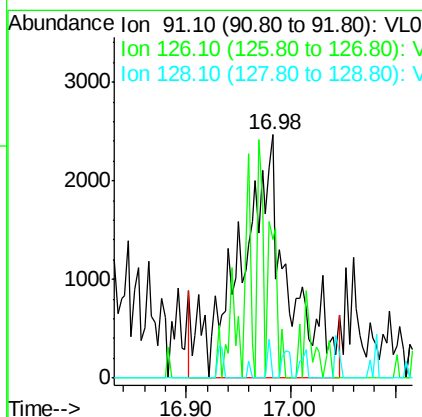
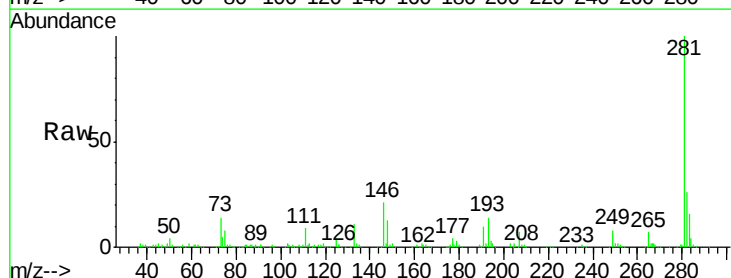
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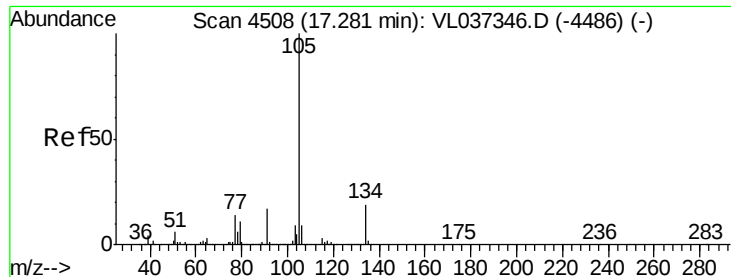
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#66
Benzyl Chloride
Concen: 0.476 ppbv m
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL037341.D
Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	7919		
126	0.0	19.2	28.8#	
128	1.5	5.8	8.8#	





#67

sec-Butylbenzene

Concen: 0.400 ppbv

RT: 17.27 min Scan# 4506

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 105 Resp: 240498

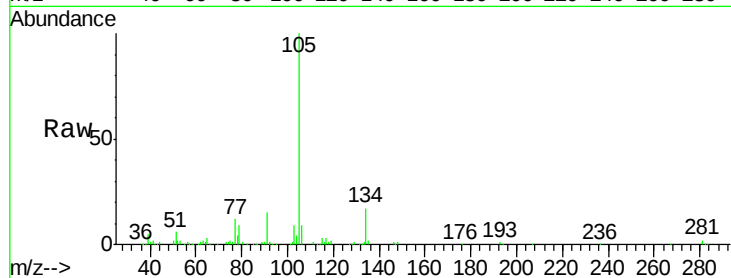
Ion Ratio Lower Upper

105 100

134 19.5 15.6 23.4

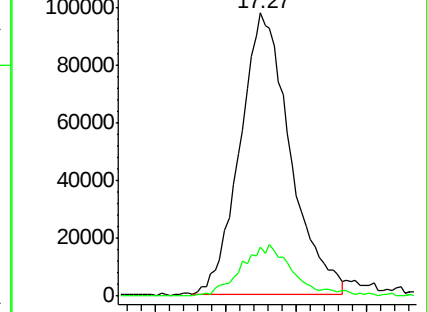
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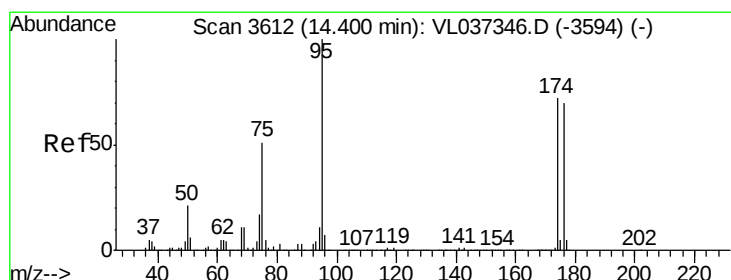
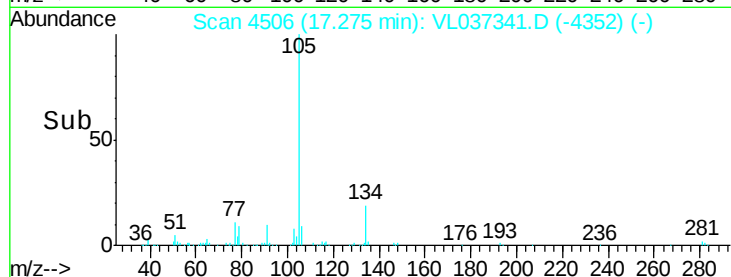


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 9.929 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

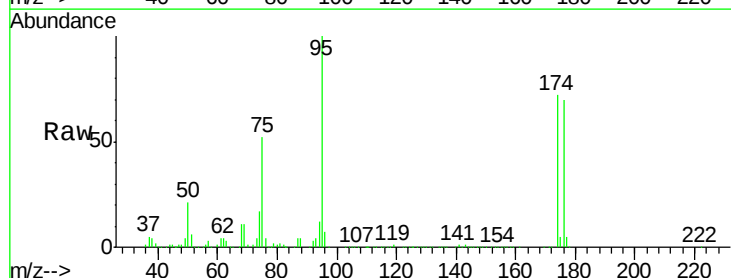
Tgt Ion: 95 Resp: 2000998

Ion Ratio Lower Upper

95 100

174 78.4 60.8 91.2

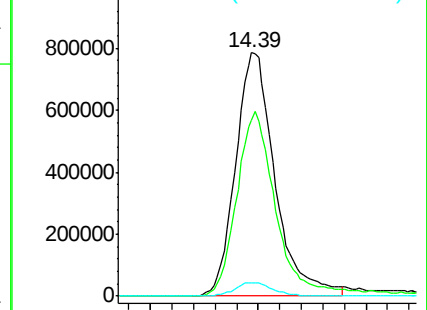
175 5.8 4.3 6.5



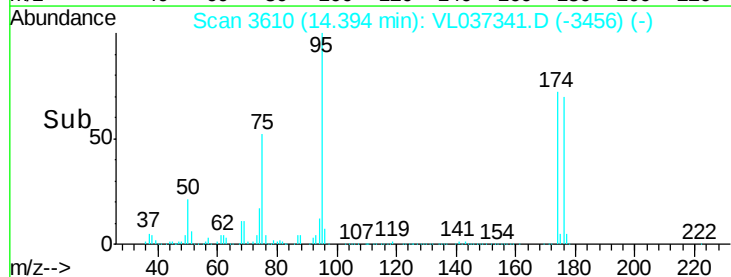
Abundance Ion 95.10 (94.80 to 95.80): VL0

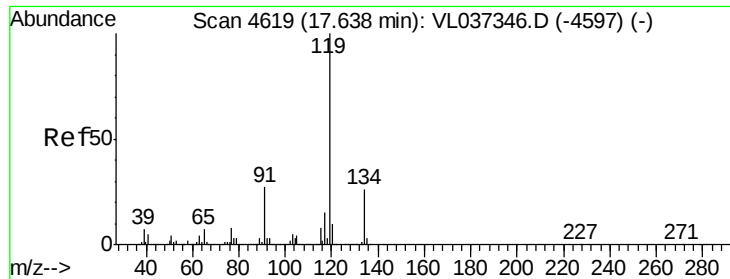
Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



Time-->





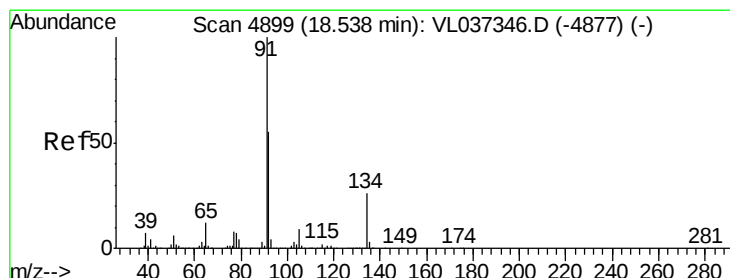
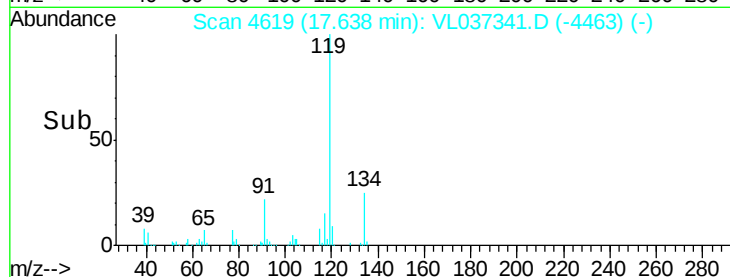
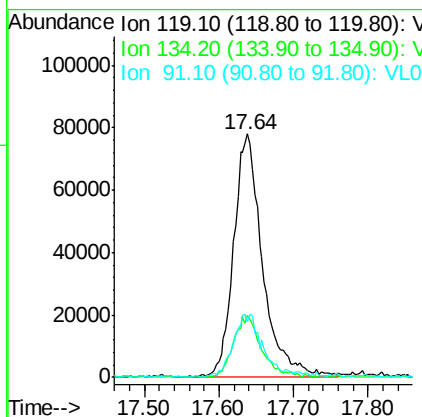
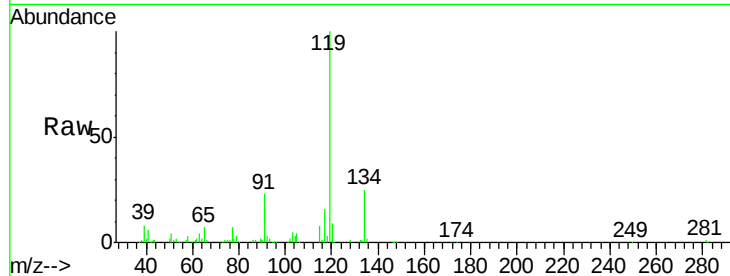
#69
 p-Isopropyltoluene
 Concen: 0.417 ppbv m
 RT: 17.64 min Scan# 4619
 Delta R.T. 0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211263		
134	24.6	20.8	31.2	
91	27.0	21.0	31.6	

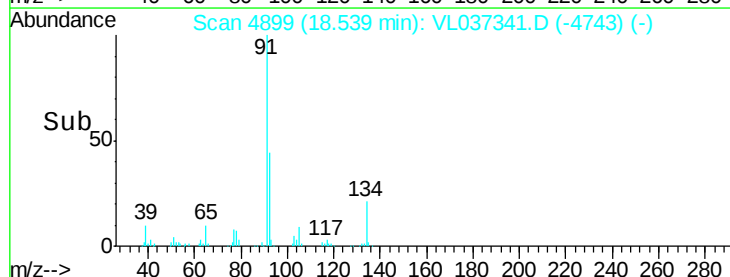
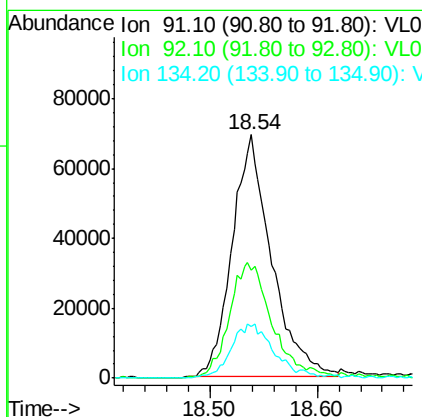
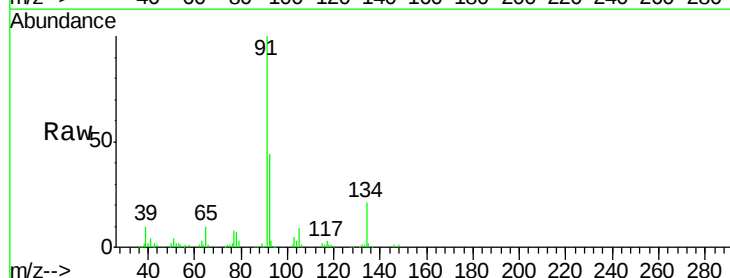
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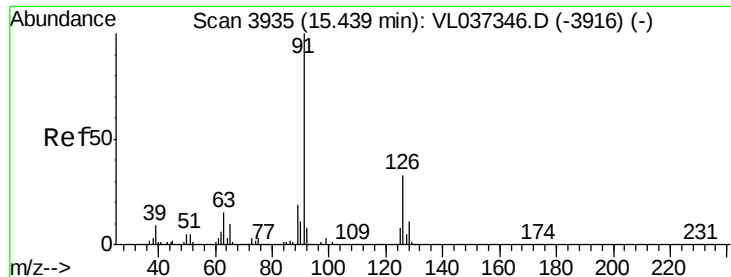
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#70
 n-Butylbenzene
 Concen: 0.382 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. 0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	176628		
92	52.9	43.7	65.5	
134	24.6	20.4	30.6	





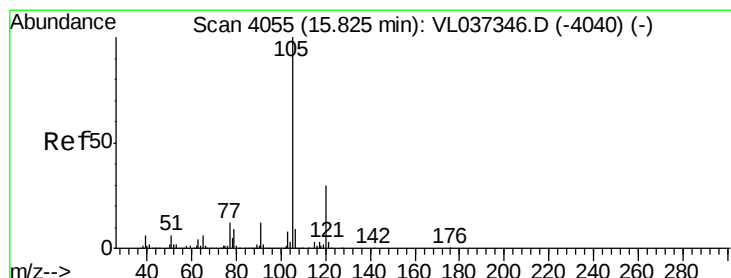
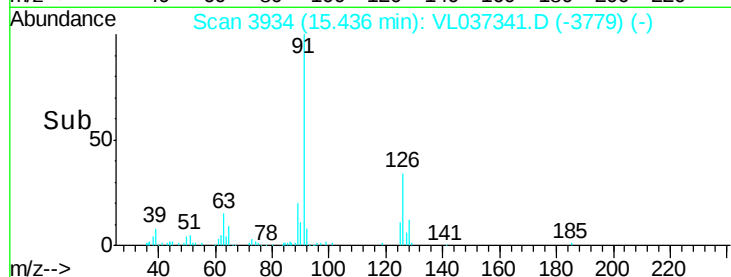
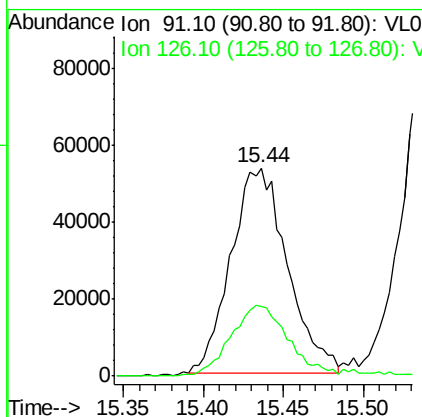
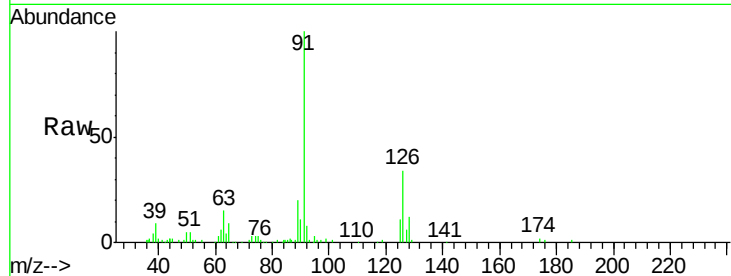
#71
 2-Chlorotoluene
 Concen: 0.379 ppbv
 RT: 15.44 min Scan# 3934
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.8	13.4	53.6

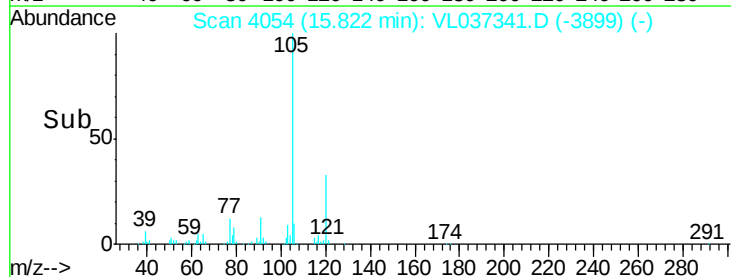
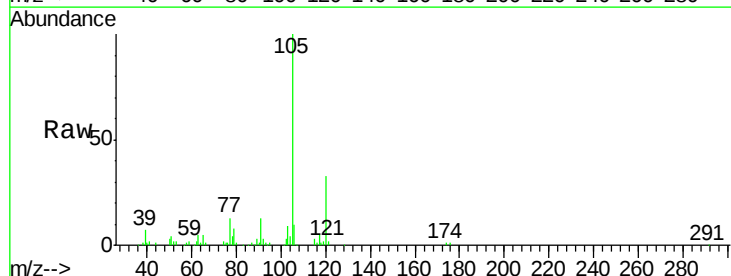
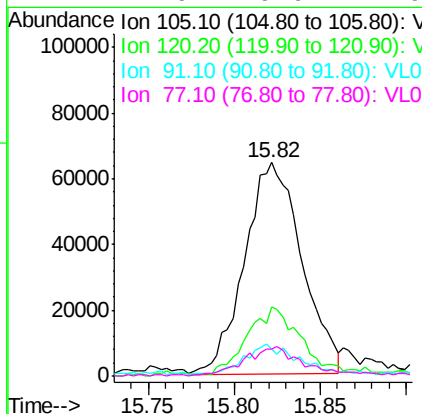
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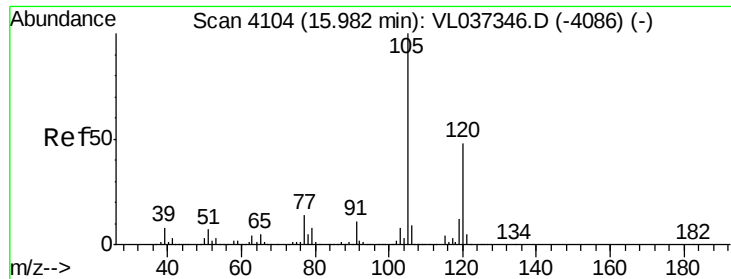
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#72
 4-Ethyltoluene
 Concen: 0.369 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	34.1	24.4	36.6
91	13.4	9.8	14.6
77	14.9	9.9	14.9





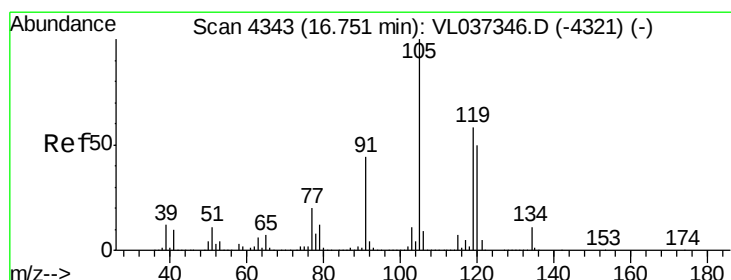
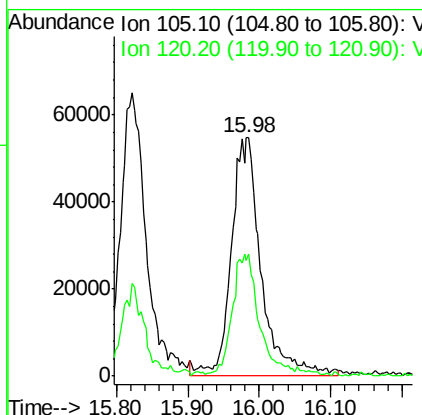
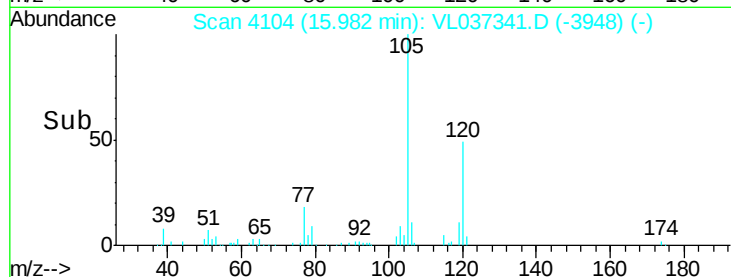
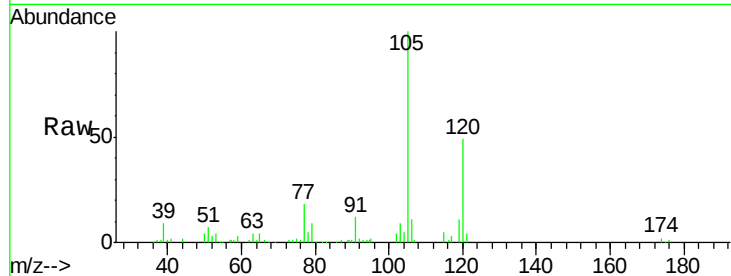
#73
 1,3,5-Trimethylbenzene
 Concen: 0.443 ppbv m
 RT: 15.98 min Scan# 4104
 Delta R.T. 0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:105 Resp: 160949
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.1 57.1

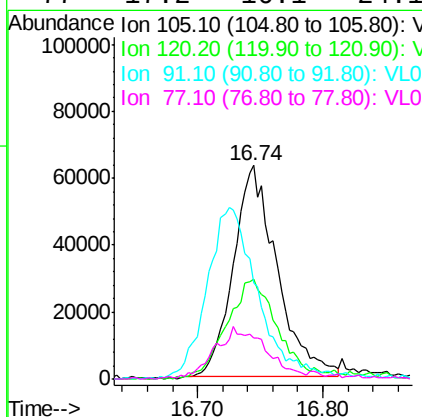
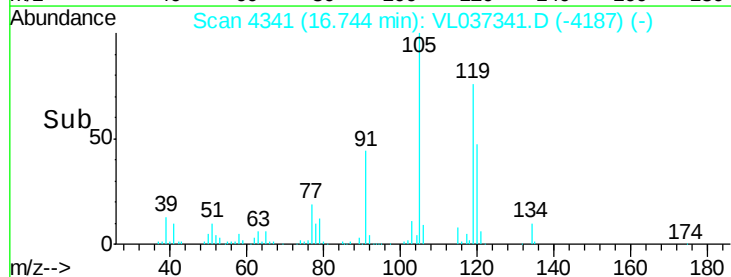
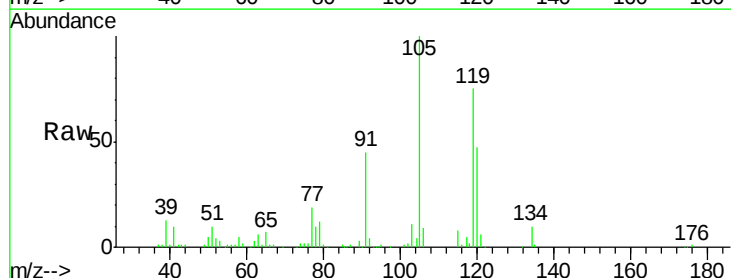
Manual Integrations
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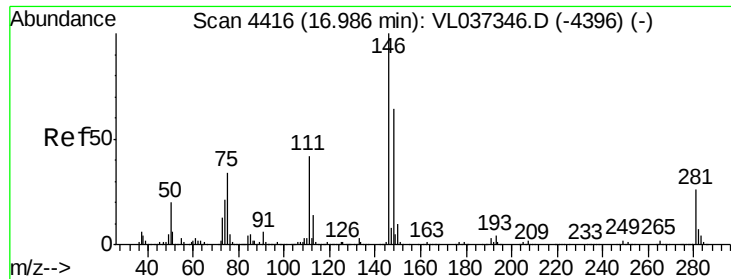
MMDadoda
 8/10/2021 6:09:20 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 0.394 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion:105 Resp: 151892
 Ion Ratio Lower Upper
 105 100
 120 45.9 39.7 59.5
 91 42.7 35.0 52.6
 77 17.2 16.1 24.1





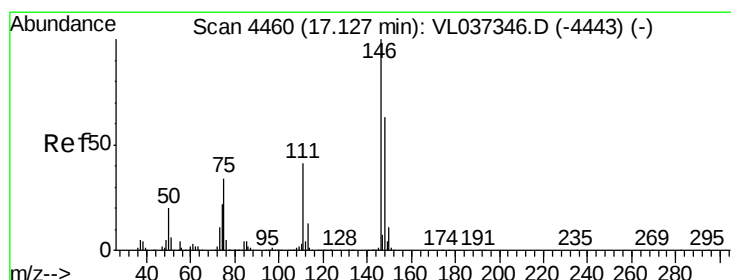
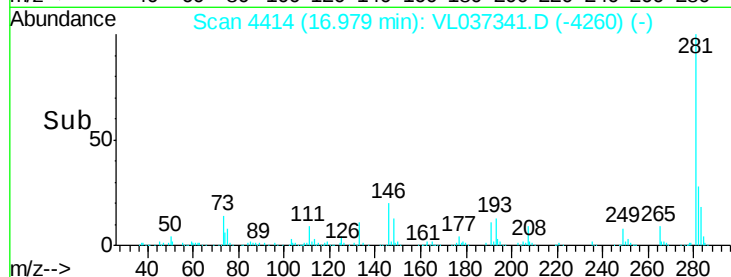
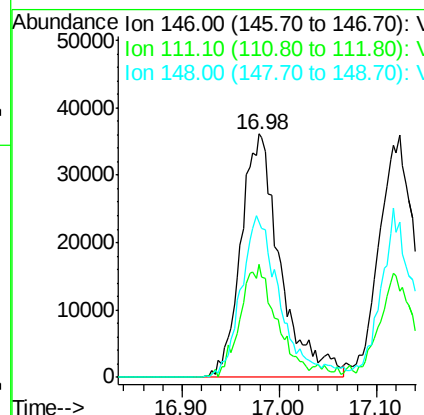
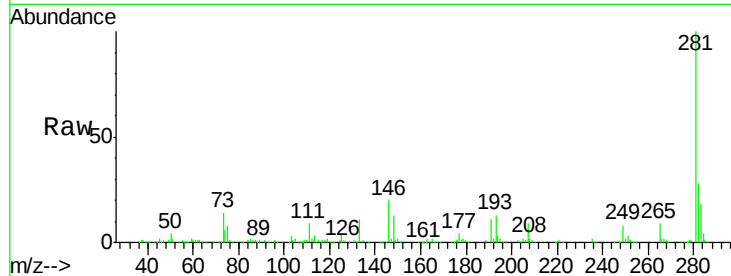
#75
 1,3-Dichlorobenzene
 Concen: 0.429 ppbv m
 RT: 16.98 min Scan# 4414
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
146	100	101886		
111	46.1	21.5	64.5	
148	65.7	32.2	96.6	

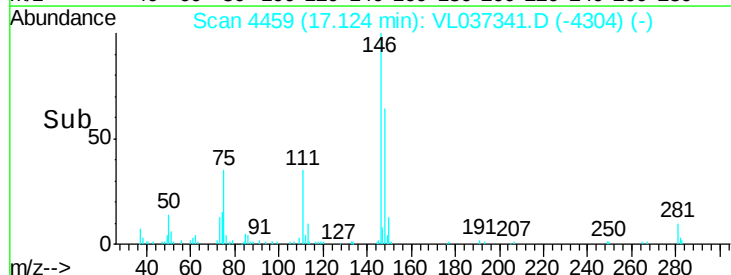
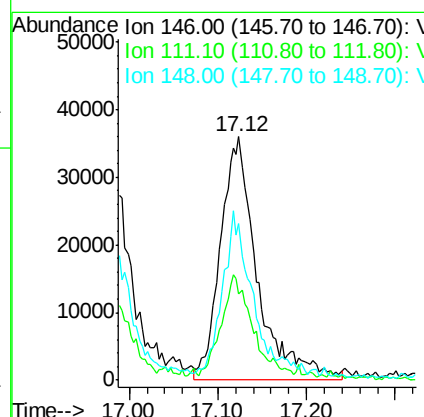
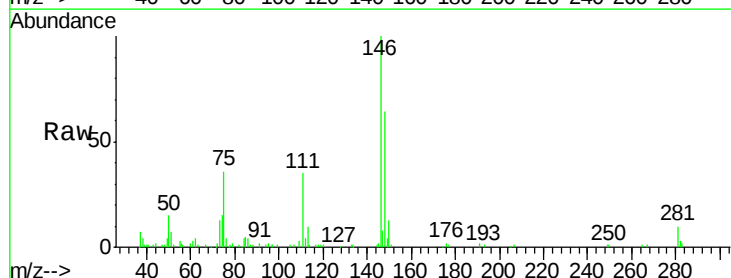
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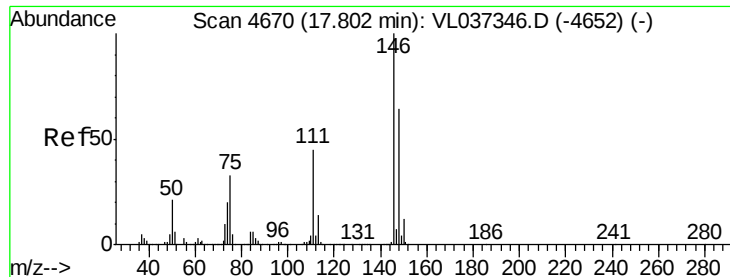
MMDadoda
 8/10/2021 6:09:20 PM



#76
 1,4-Dichlorobenzene
 Concen: 0.443 ppbv m
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104299		
111	40.9	21.1	63.3	
148	58.6	32.6	97.7	





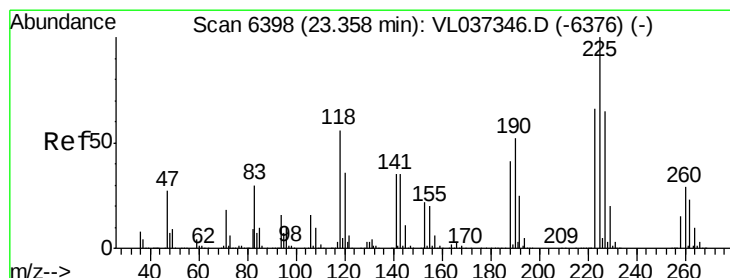
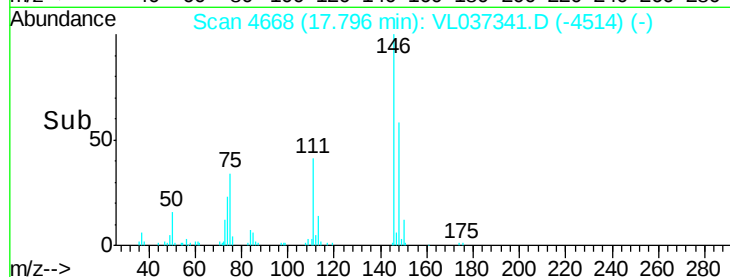
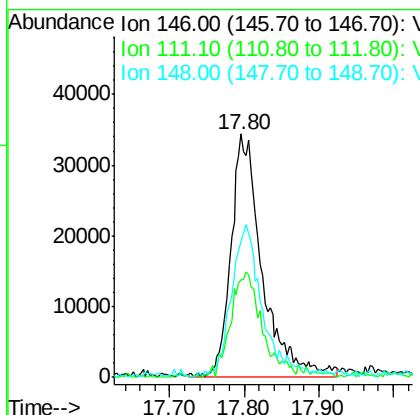
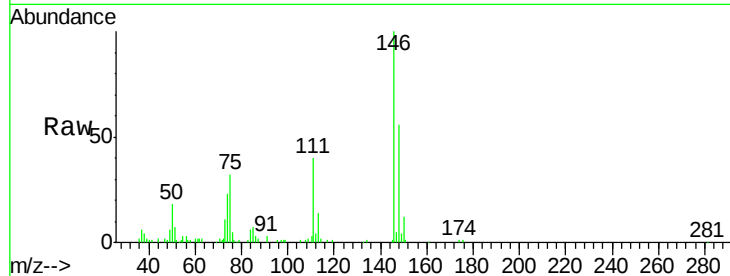
#77
 1,2-Dichlorobenzene
 Concen: 0.438 ppbv m
 RT: 17.80 min Scan# 4668
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100851		
111	45.6		22.4	67.2
148	62.3		33.0	99.0

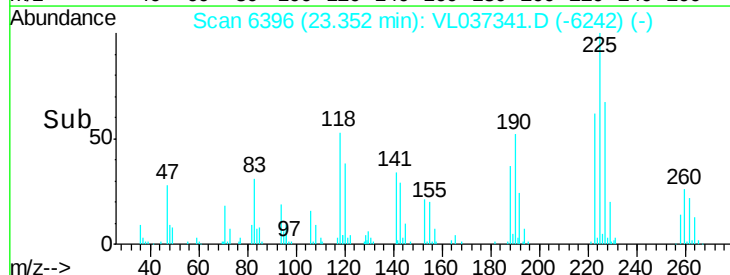
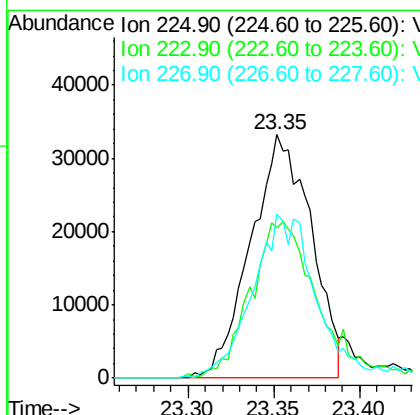
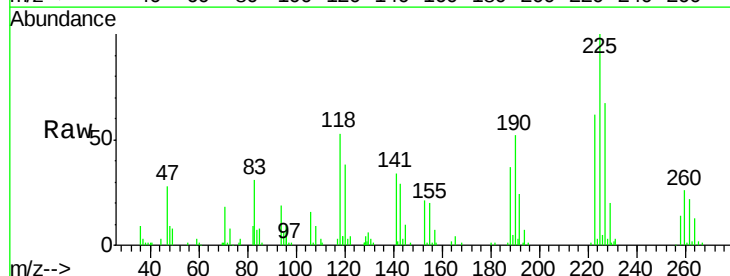
Manual Integrations
 APPROVED

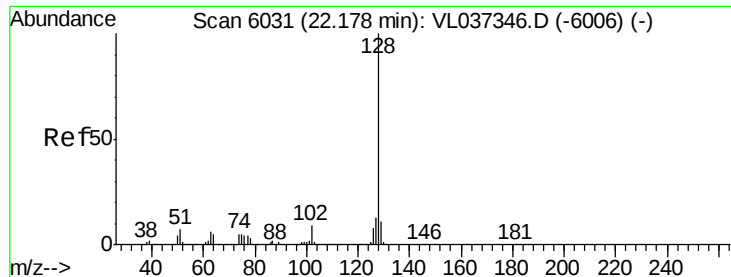
MMDadoda
 8/10/2021 6:09:20 PM



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.399 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. -0.01 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81091		
223	73.2		51.4	77.0
227	72.5		51.8	77.6





#79

Naphthalene

Concen: 0.297 ppbv m

RT: 22.18 min Scan# 6033

Delta R.T. 0.01 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

Instrument :

MSVOA_L

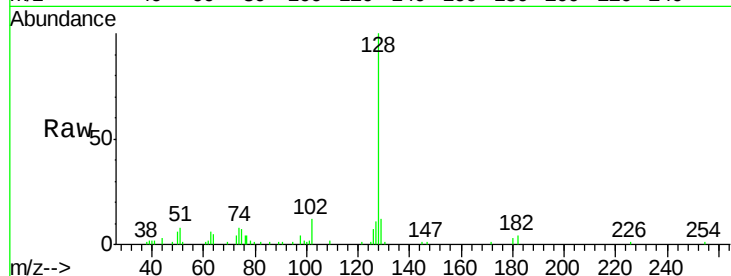
ClientSampleId :

VSTDIC0.5

Tot Ion:	128	Resp:	98594
Ion Ratio	Lower	Upper	
128	100		
127	11.1	10.2	15.2
129	11.7	8.8	13.2

Manual Integrations
APPROVED

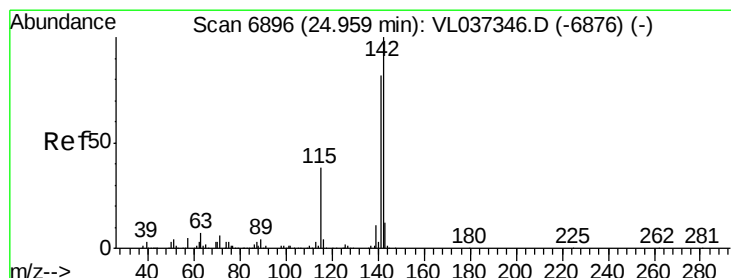
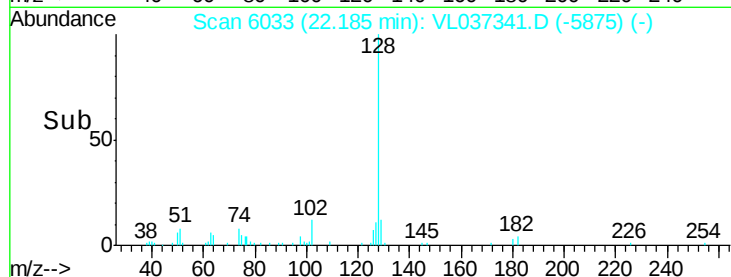
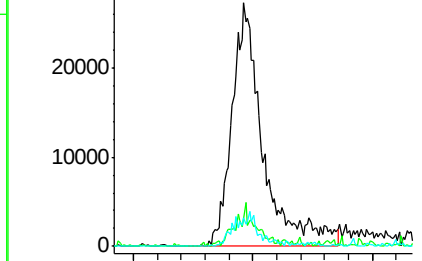
MMDadoda
8/10/2021 6:09:20 PM



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.180 ppbv

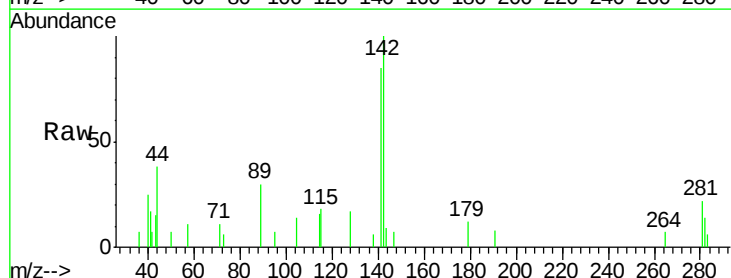
RT: 24.99 min Scan# 6905

Delta R.T. 0.03 min

Lab File: VL037341.D

Acq: 6 Aug 2021 11:56

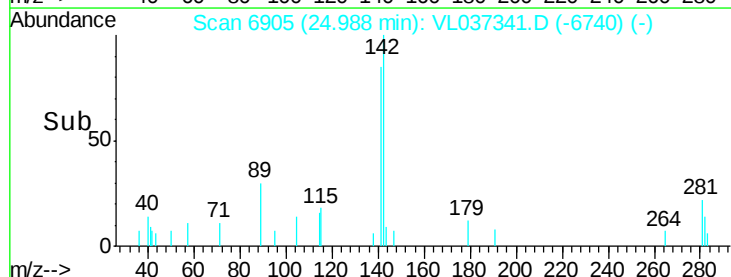
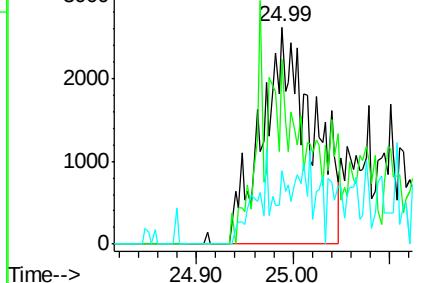
Tgt Ion:	142	Resp:	9314
Ion Ratio	Lower	Upper	
142	100		
141	87.6	68.4	102.6
115	20.3	30.0	45.0#

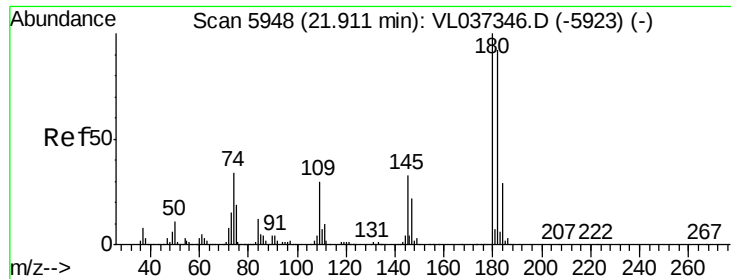


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.347 ppbv m
 RT: 21.91 min Scan# 5949
 Delta R.T. 0.00 min
 Lab File: VL037341.D
 Acq: 6 Aug 2021 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.1	117.1#
184	0.0	24.9	37.3#

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:20 PM

