

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
 Data File : VL038233.D
 Acq On : 29 Dec 2021 15:14
 Operator : SY/AP
 Sample : VL1229ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1229ABS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 19:01:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	721435	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1943044	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1656741m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1440608	11.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	1157390	8.514	ppbv	97
3) Chlorodifluoromethane	3.00	51	1325032	8.741	ppbv	97
4) Chloromethane	3.15	50	444693	8.460	ppbv	99
5) Vinyl Chloride	3.27	62	466617	8.832	ppbv	99
6) Bromomethane	3.48	94	259818	9.651	ppbv	96
7) Chloroethane	3.57	64	160322	9.011	ppbv	96
8) Dichlorotetrafluoroethane	3.20	85	1108011	8.588	ppbv	94
9) Propene	3.02	41	423383	8.043	ppbv	97
10) Heptane	8.13	43	1131847	8.477	ppbv	99
11) Trichlorofluoromethane	3.96	101	1136198	9.101	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.50	101	788907	8.366	ppbv	99
13) Ethanol	3.62	45	55708m	6.242	ppbv	
14) Bromoethene	3.75	108	350120	9.320	ppbv	97
15) Acetone	3.86	43	569420	7.864	ppbv	100
16) 1,3-Butadiene	3.34	39	440355	8.928	ppbv	100
17) tert-Butyl alcohol	4.30	59	685553	8.621	ppbv	99
18) 1,1-Dichloroethene	4.30	96	349490	8.463	ppbv	100
19) Isopropyl Alcohol	3.98	45	378086	8.372	ppbv #	39
20) Methylene Chloride	4.36	84	293647	7.183	ppbv	93
21) Allyl Chloride	4.42	41	543500	8.874	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	385354	9.146	ppbv	96
23) Vinyl Acetate	5.08	43	865527	8.829	ppbv	99
24) 1,1-Dichloroethane	5.02	63	747493	8.526	ppbv	99
25) Ethyl Acetate	5.69	43	1769939	9.023	ppbv	99
26) Hexane	5.70	57	810315	8.233	ppbv	96
27) Carbon Disulfide	4.56	76	973672	11.239	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	787460	7.962	ppbv	100
29) Chloroform	5.76	83	1311560	8.980	ppbv	98
30) Cyclohexane	7.14	84	680740	7.809	ppbv	89
31) cis-1,2-Dichloroethene	5.56	61	803047	10.404	ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	1329562	9.175	ppbv	97
34) 2-Butanone	5.25	43	618009	10.582	ppbv	98
35) Carbon Tetrachloride	7.03	117	1395274	11.633	ppbv	99
36) Benzene	6.90	78	1698878	9.374	ppbv	98
37) 1,2-Dichloroethane	6.32	62	995223	10.944	ppbv	97
38) Trichloroethene	7.84	130	611792	8.870	ppbv	96
39) 1,2-Dichloropropane	7.62	63	664944	9.533	ppbv	96
40) 1,4-Dioxane	7.84	88	178835m	8.813	ppbv	
41) Tetrahydrofuran	6.06	42	434806	10.165	ppbv	96
42) Bromodichloromethane	7.80	83	1470854	11.367	ppbv	99
43) Methyl Methacrylate	8.02	69	645553	10.350	ppbv	95

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Quant Time: Dec 29 19:01:21 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121A

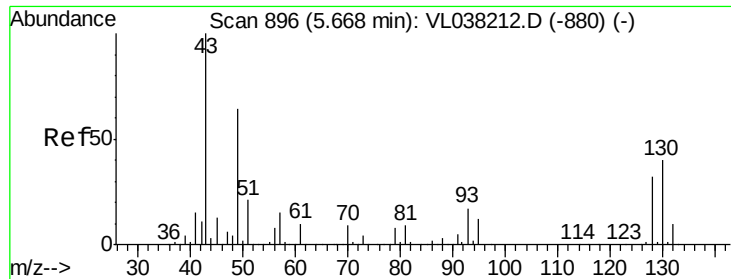
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	2848990	9.254	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	598337	12.962	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	737351	11.540	ppbv	95
47) 1,1,2-Trichloroethane	9.48	97	659912	9.115	ppbv	96
48) Dibromochloromethane	10.31	129	1165128	11.445	ppbv	99
49) Bromoform	13.05	173	834526	11.537	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	1183927	11.150	ppbv	97
51) 2-Hexanone	10.15	43	540744	10.640	ppbv #	96
52) Tetrachloroethene	11.23	164	530356	7.928	ppbv	92
53) Toluene	9.81	91	1881659	8.998	ppbv	98
54) 1,2-Dibromoethane	10.62	107	960548	9.353	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	722350	10.483	ppbv #	57
57) Chlorobenzene	12.15	112	1271490	8.849	ppbv	98
58) Ethyl Benzene	12.72	91	2423178	9.425	ppbv	97
59) m/p-Xylene	13.00	91	4180006m	19.018	ppbv	
60) o-Xylene	13.70	91	1867717	9.165	ppbv	97
61) Styrene	13.53	104	986318	9.556	ppbv	97
62) Isopropylbenzene	14.67	105	2517569	8.800	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1323070	8.443	ppbv	99
64) n-propylbenzene	15.56	120	618897	8.701	ppbv	87
65) tert-Butylbenzene	16.75	119	2132424	8.468	ppbv	95
66) Benzyl Chloride	16.99	91	139320	14.844	ppbv	95
67) sec-Butylbenzene	17.30	105	2995794	8.658	ppbv	100
69) p-Isopropyltoluene	17.66	119	2378730	8.547	ppbv	98
70) n-Butylbenzene	18.55	91	2446841	9.247	ppbv	98
71) 2-Chlorotoluene	15.46	91	1892478	8.887	ppbv	97
72) 4-Ethyltoluene	15.84	105	2090261	8.907	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	1862075	8.867	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	1943141	8.810	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	1061574	8.910	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1025935	8.679	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	995746	8.729	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	609342m	8.657	ppbv	
79) Naphthalene	22.20	128	1172991	10.295	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	186342	8.243	ppbv	92
81) 1,2,4-Trichlorobenzene	21.93	180	621087	9.532	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL1229ABS01

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Tgt Ion:

Ion Ratio

49 100

128 49.

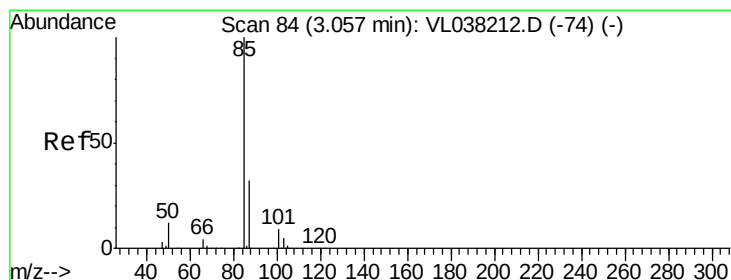
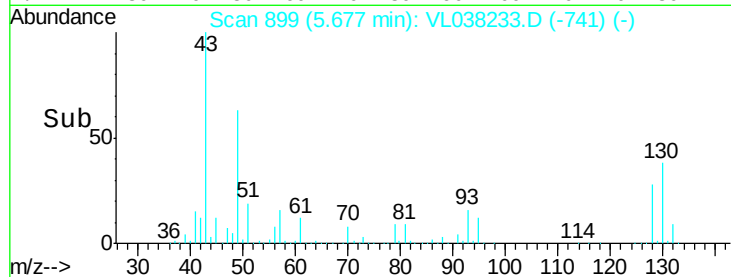
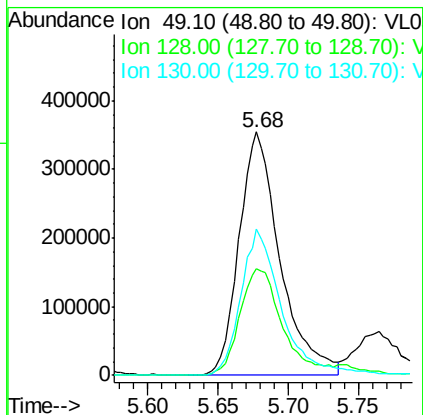
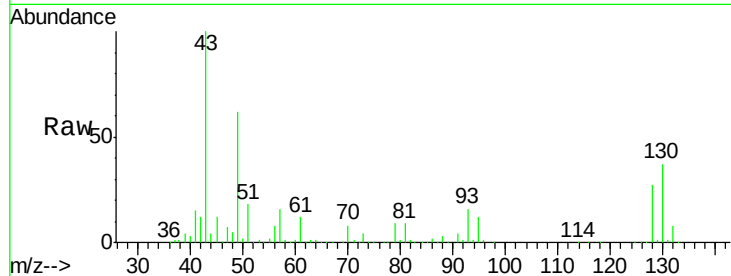
130 61.

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 01/02/2022



#2

Dichlorodifluoromethane

Concen: 8.514 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL038233.D

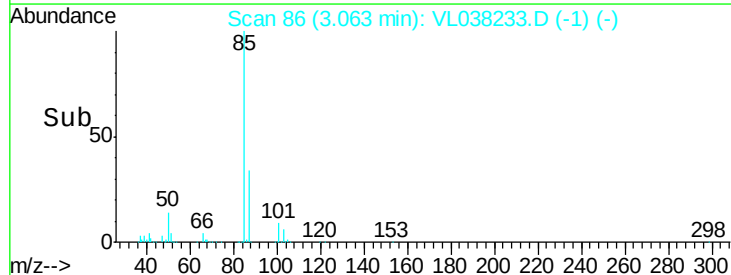
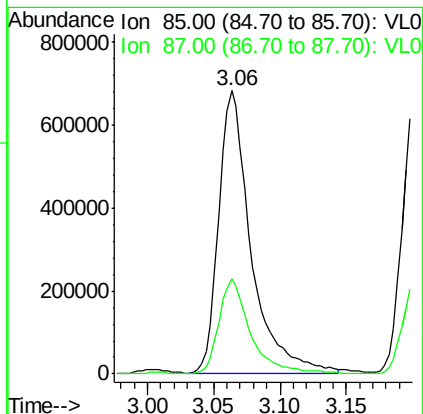
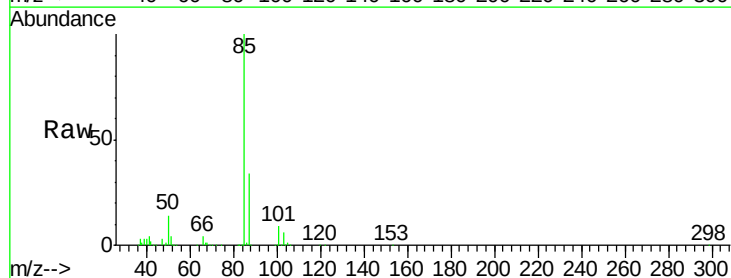
Acq: 29 Dec 2021 15:14

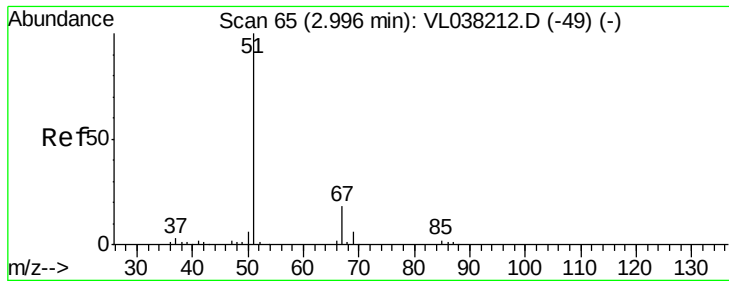
Tgt Ion: 85 Resp: 1157390

Ion Ratio Lower Upper

85 100

87 33.7 25.4 38.2





#3

Chlorodifluoromethane

Concen: 8.741 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Dec 2021 15:14 VL1229ABS01

Tgt Ion:

Ion Ratio

51 100

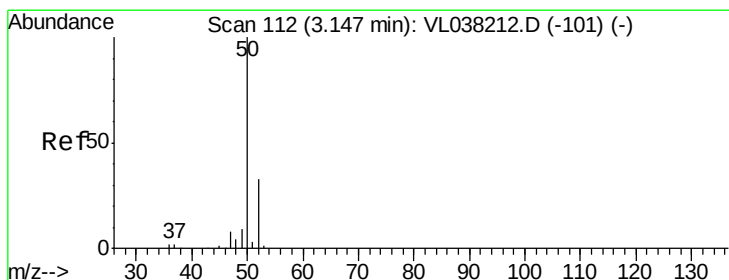
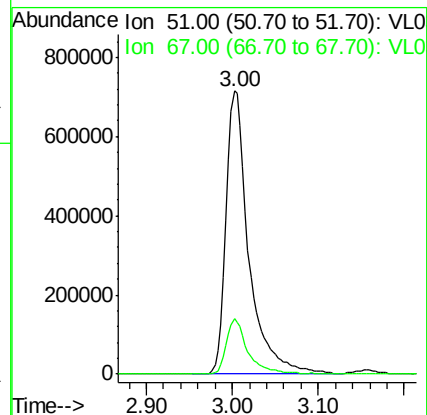
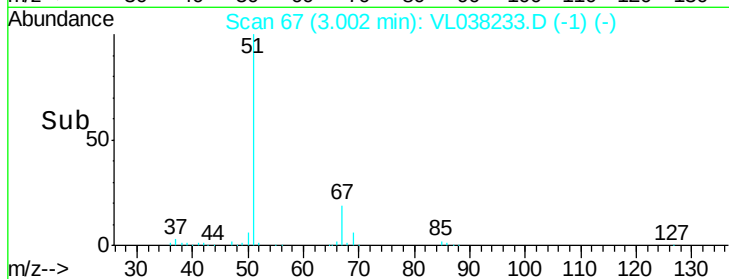
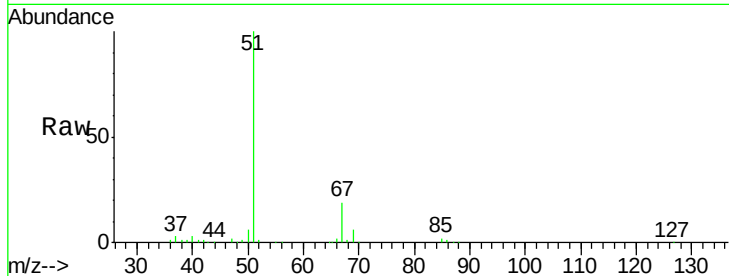
67 18.

Manual Integrations

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#4

Chloromethane

Concen: 8.460 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038233.D

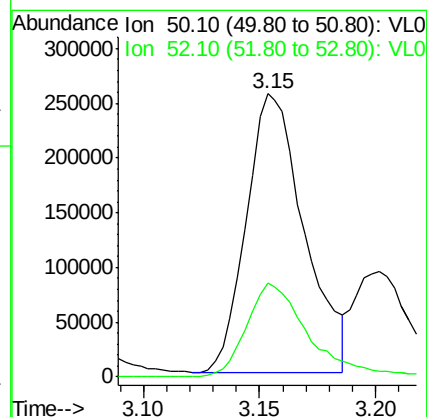
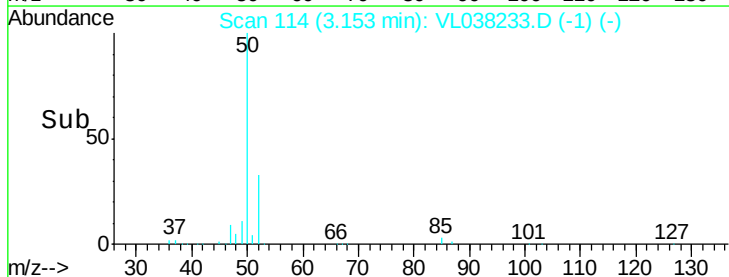
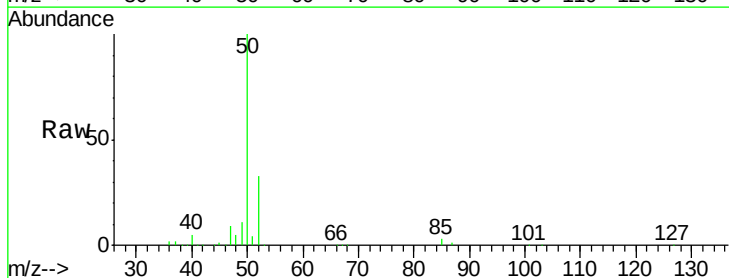
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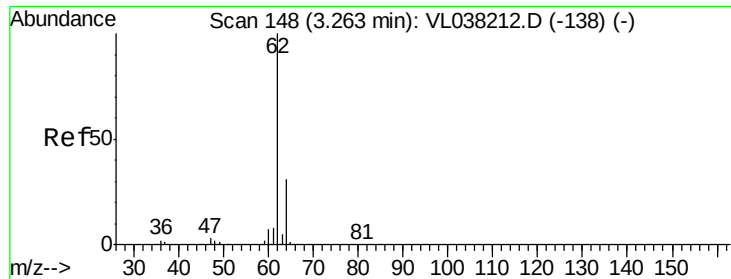
Tgt Ion: 50 Resp: 444693

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2





#5

Vinyl Chloride

Concen: 8.832 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Dec 2021 15:14

Tgt Ion:

Ion Ratio

62 100

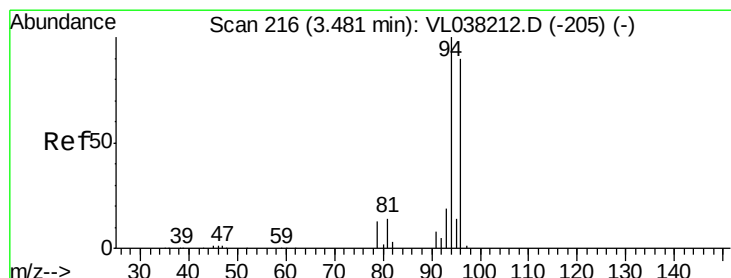
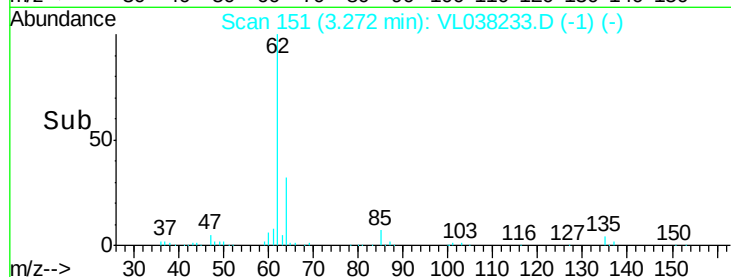
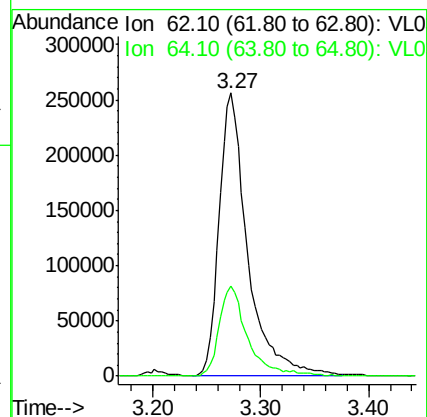
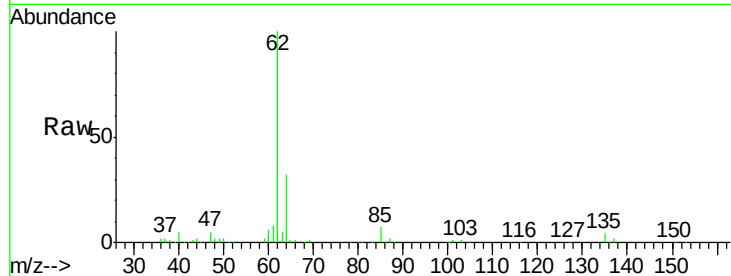
64 31.

Manual Integrations

APPROVED

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#6

Bromomethane

Concen: 9.651 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL038233.D

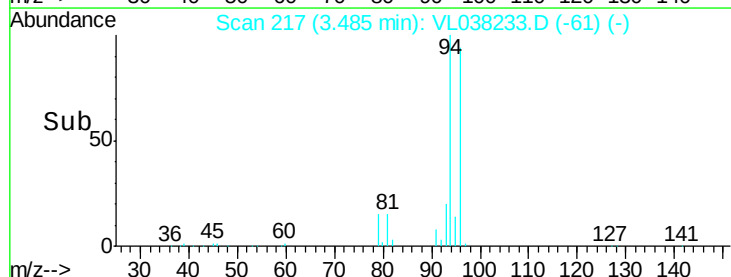
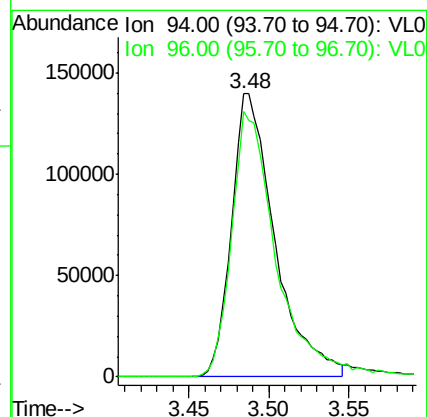
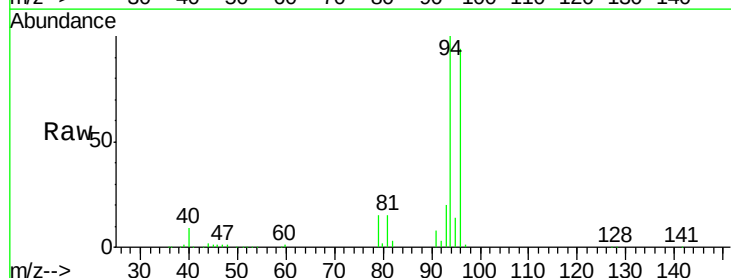
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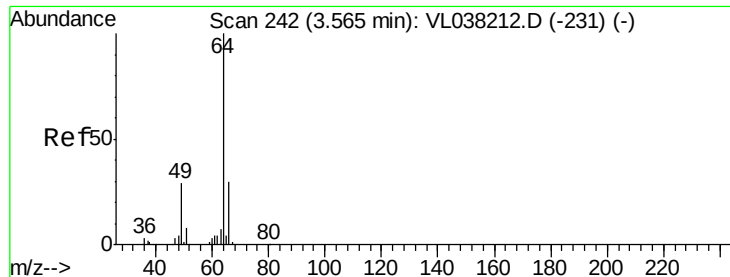
Tgt Ion: 94 Resp: 259818

Ion Ratio Lower Upper

94 100

96 93.7 72.2 108.2





#7

Chloroethane

Concen: 9.011 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Dec 2021 15:14 VL1229ABS01

Tgt Ion:

Ion Ratio

64 100

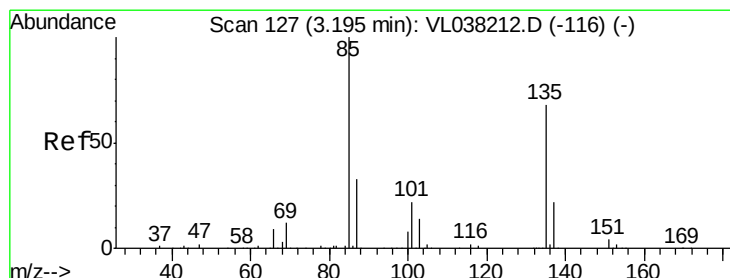
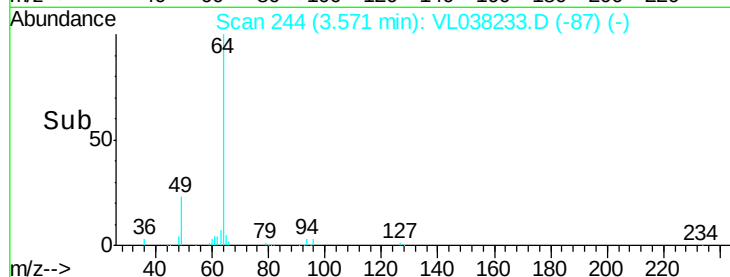
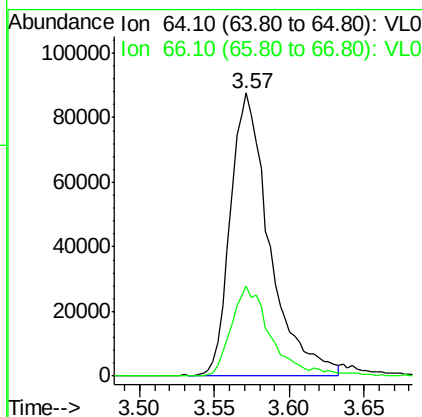
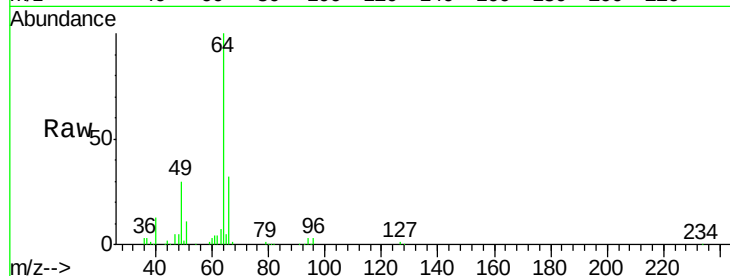
66 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#8

Dichlorotetrafluoroethane

Concen: 8.588 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.01 min

Lab File: VL038233.D

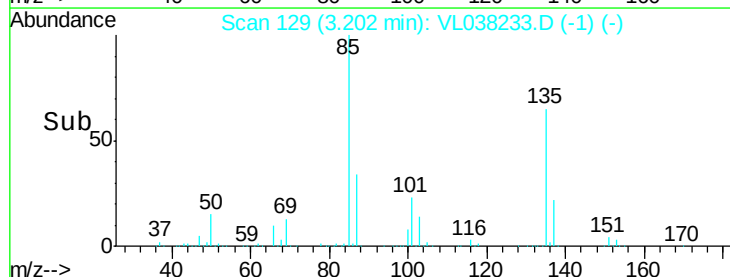
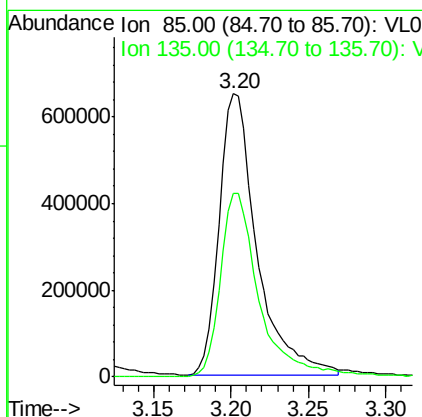
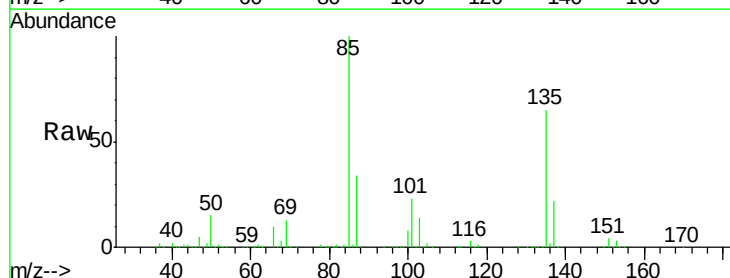
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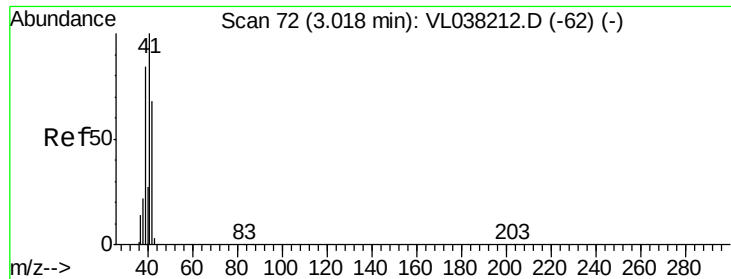
Tgt Ion: 85 Resp: 1108011

Ion Ratio Lower Upper

85 100

135 67.5 57.7 86.5



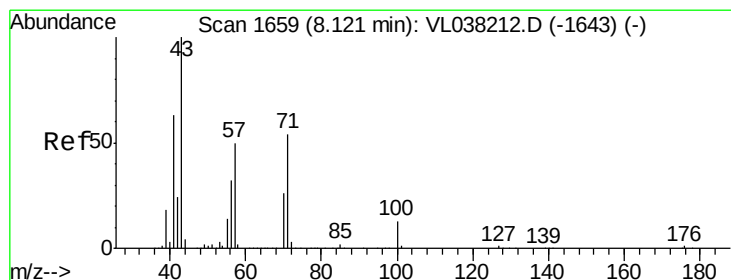
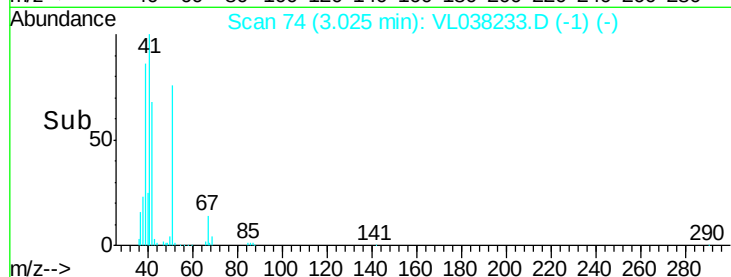
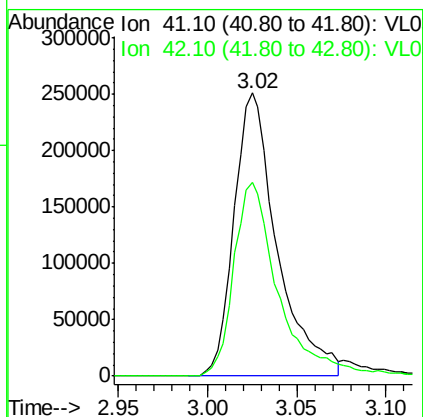
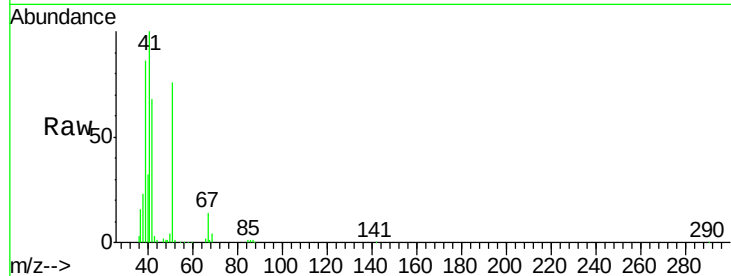


#9
 Propene
 Concen: 8.043 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 41 100
 42 71.

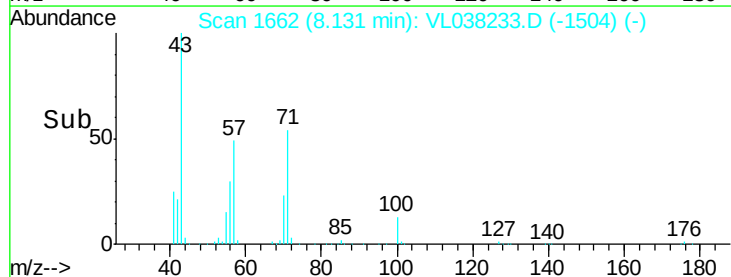
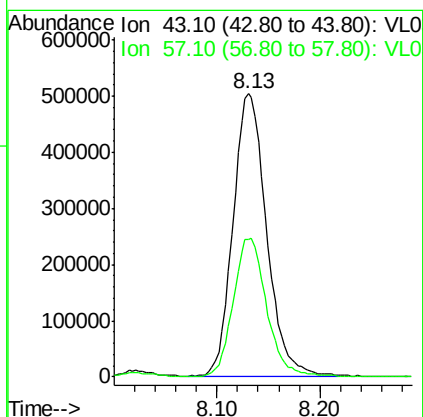
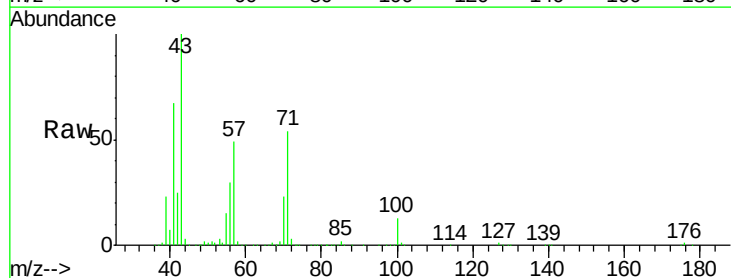
Manual Integrations
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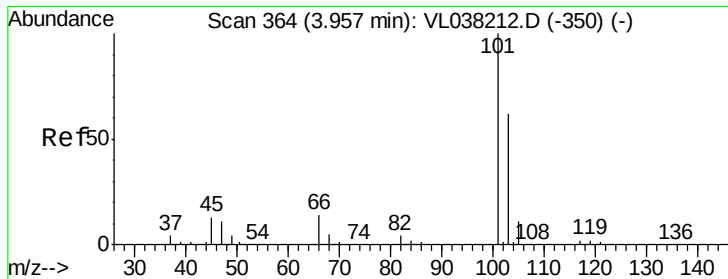
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#10
 Heptane
 Concen: 8.477 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 43 Resp: 1131847
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.3 60.5



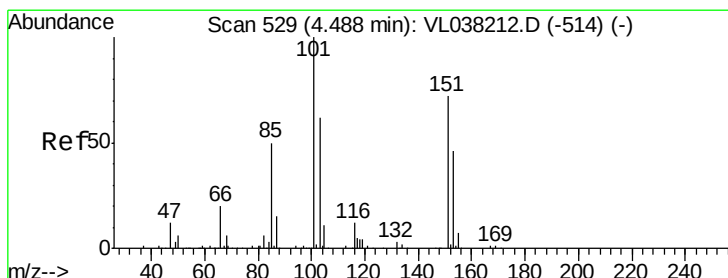
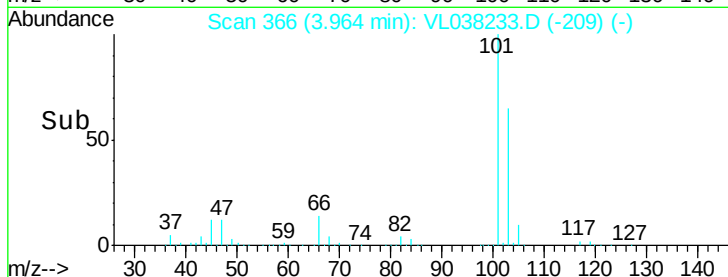
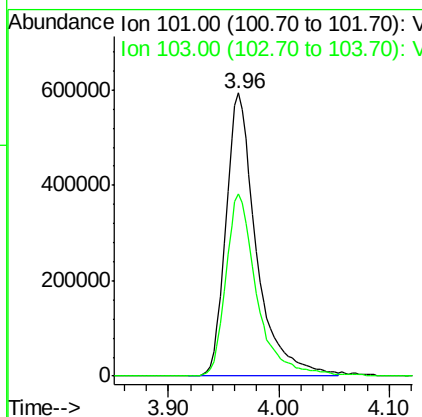
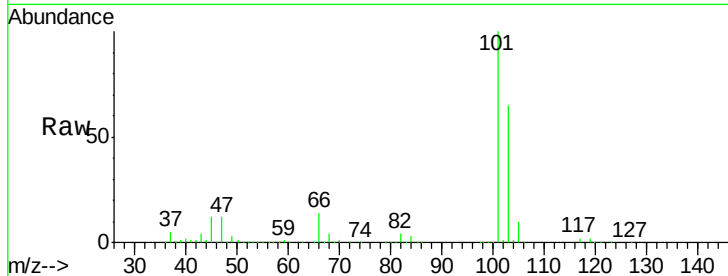


#11
 Trichlorofluoromethane
 Concen: 9.101 ppbv
 RT: 3.96 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 29 Dec 2021 15:14

Tgt Ion: 101
 Ion Ratio
 101 100
 103 64.

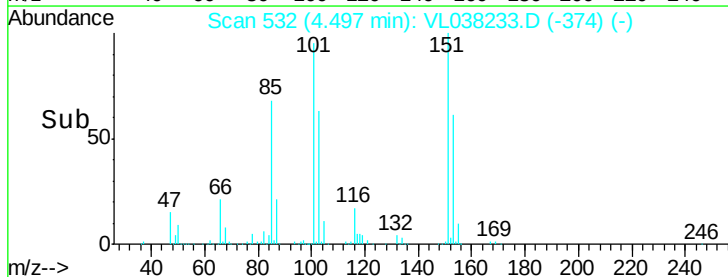
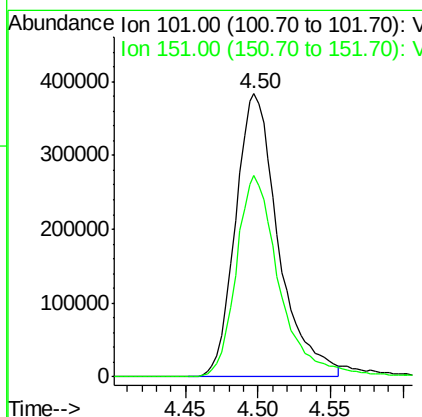
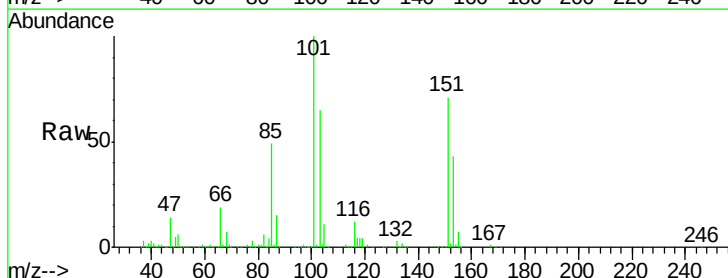
Manual Integrations
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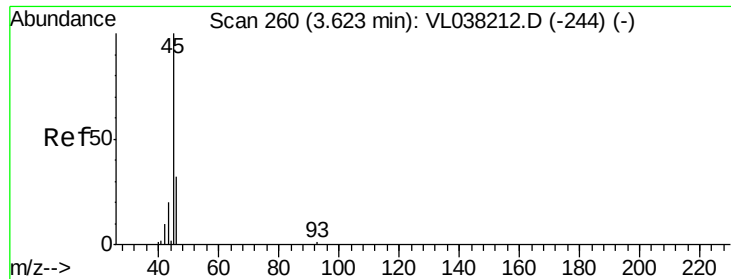
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.366 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 101 Resp: 788907
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.6 87.8



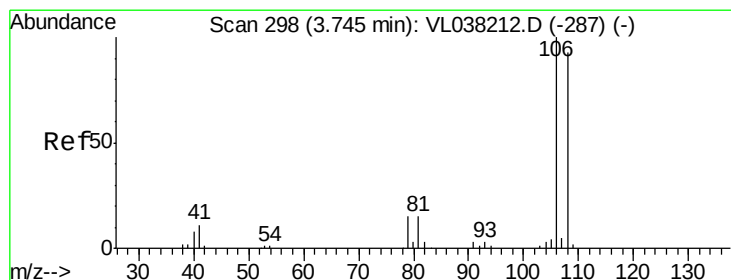
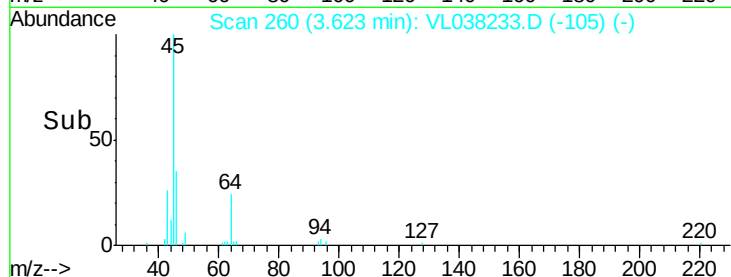
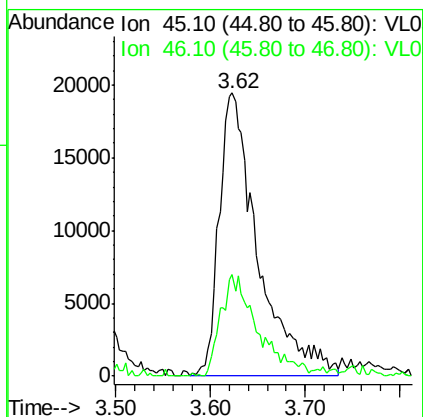
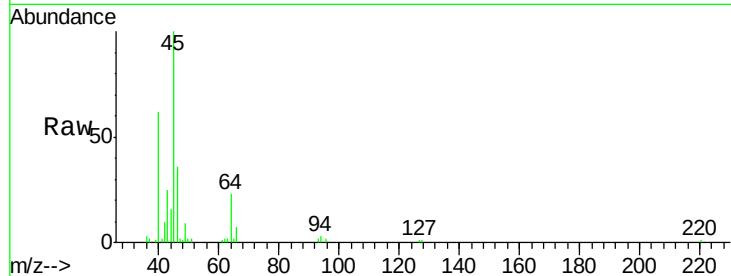


#13
Ethanol
Concen: 6.242 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
45 100
46 35.

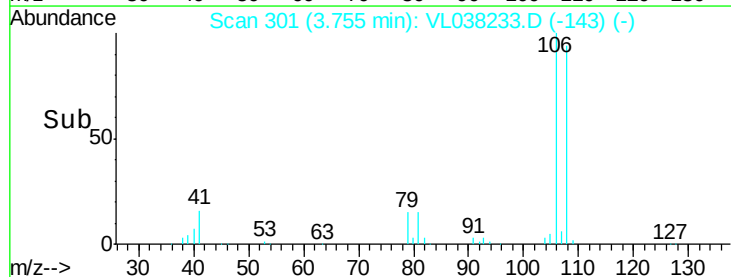
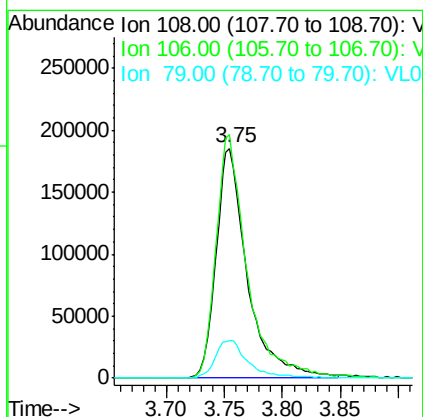
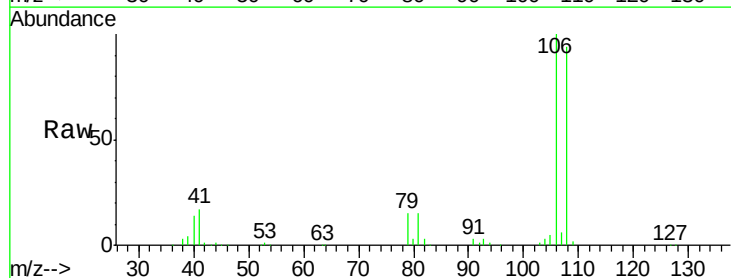
Manual Integrations
APPROVED

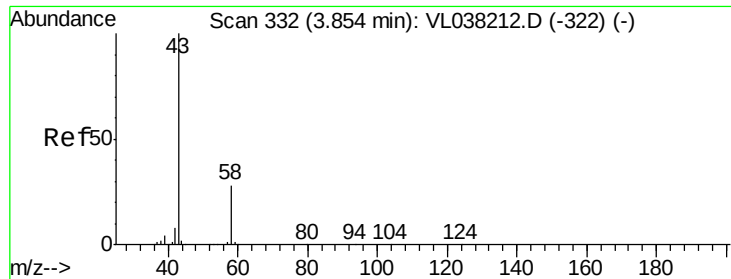
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#14
Bromoethene
Concen: 9.320 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion:108 Resp: 350120
Ion Ratio Lower Upper
108 100
106 106.4 88.2 132.2
79 18.0 13.7 20.5



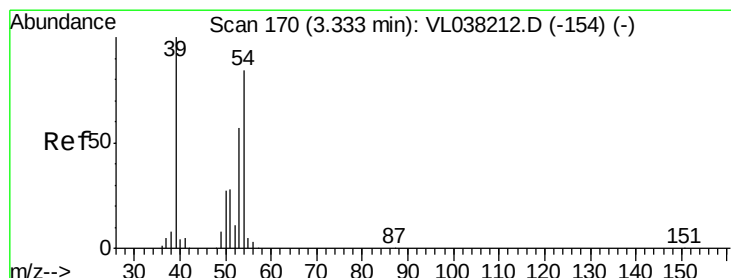
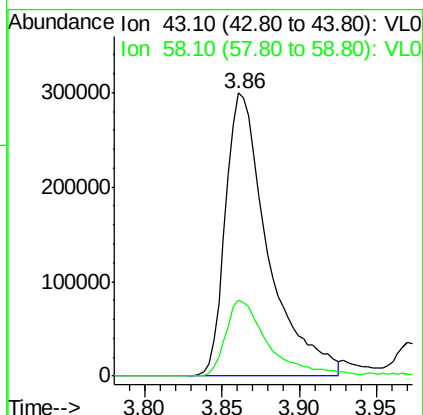
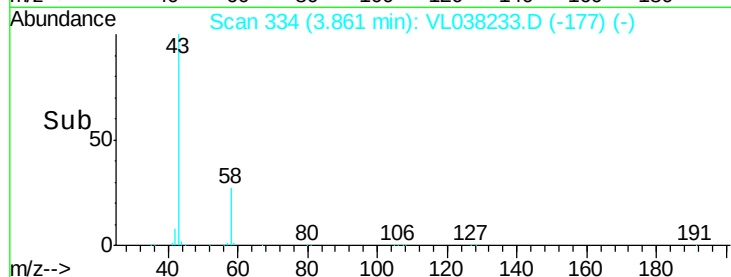
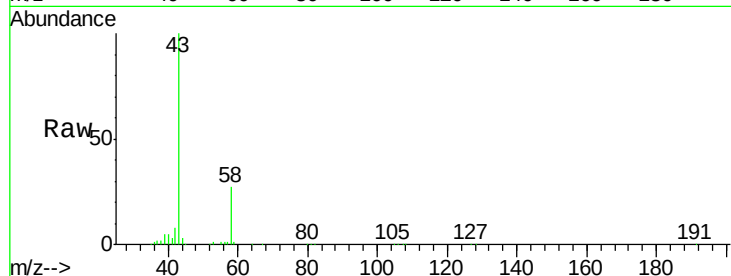


#15
Acetone
Concen: 7.864 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
43 100
58 29.

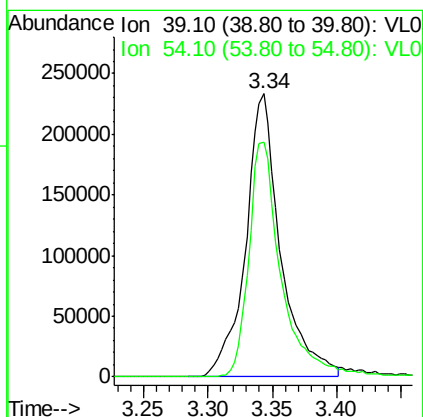
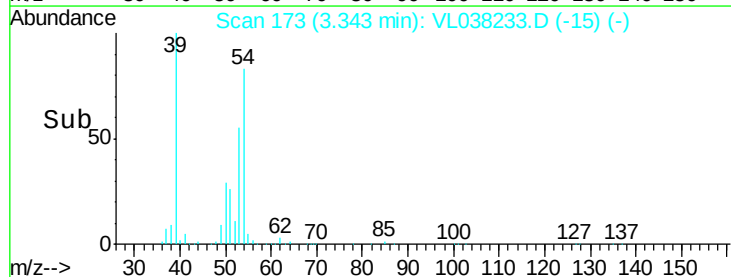
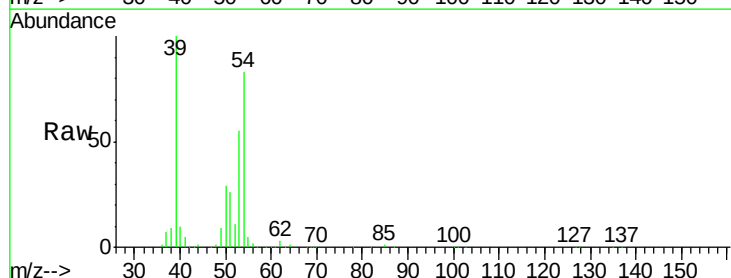
Manual Integrations
APPROVED

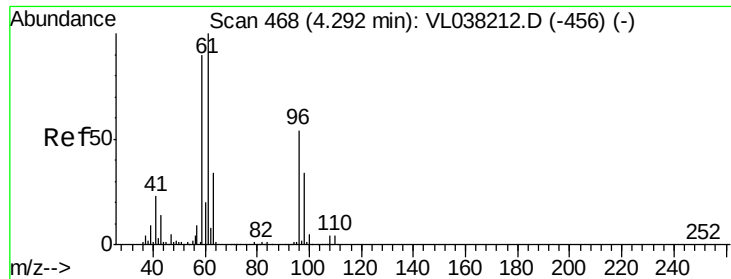
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#16
1,3-Butadiene
Concen: 8.928 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 39 Resp: 440355
Ion Ratio Lower Upper
39 100
54 78.2 62.9 94.3



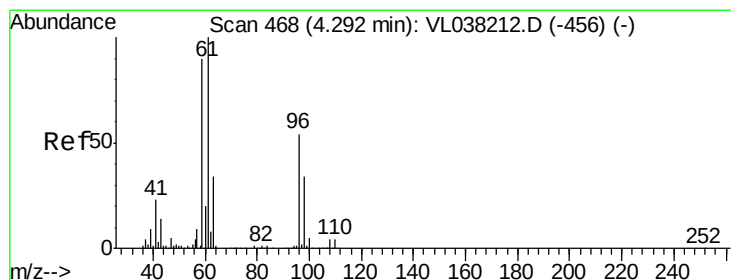
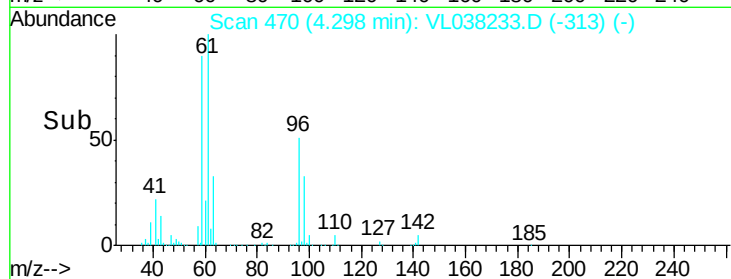
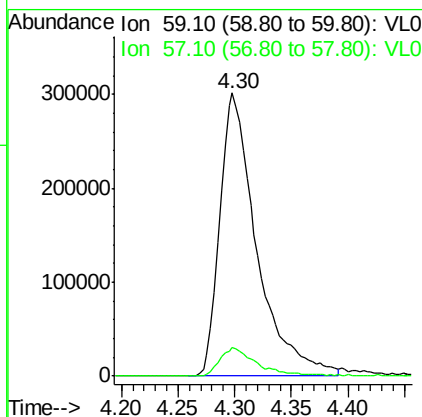
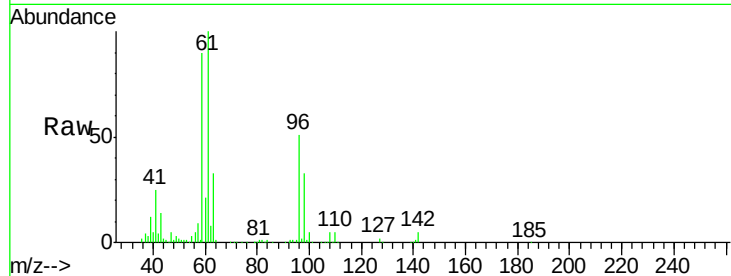


#17
 tert-Butyl alcohol
 Concen: 8.621 ppbv
 RT: 4.30 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

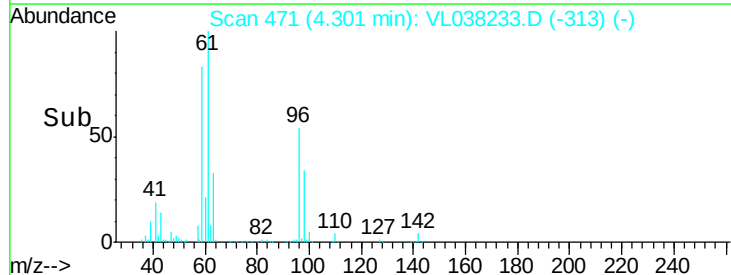
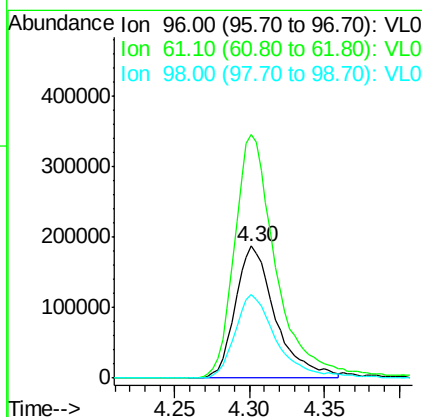
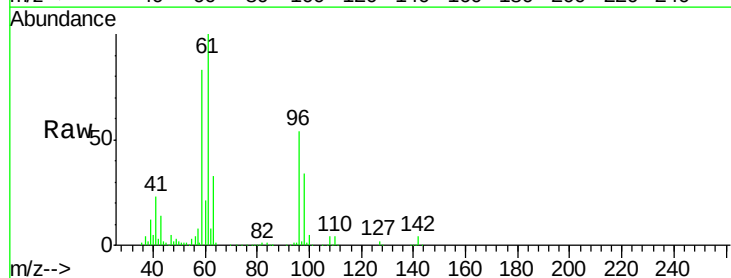
Manual Integrations
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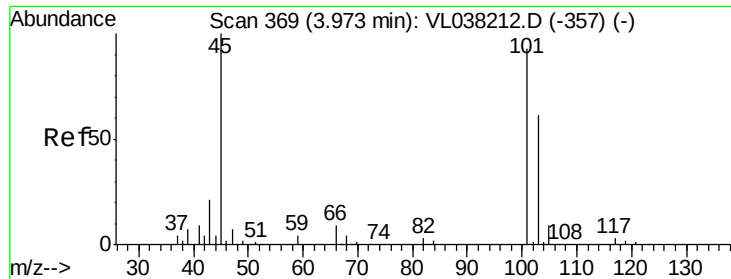
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#18
 1,1-Dichloroethene
 Concen: 8.463 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 96 Resp: 349490
 Ion Ratio Lower Upper
 96 100
 61 184.3 147.4 221.0
 98 63.5 50.7 76.1





#19

Isopropyl Alcohol

Concen: 8.372 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1229ABS01

Acq: 29 Dec 2021 15:14

Tgt Ion:

Ion Ratio

45 100

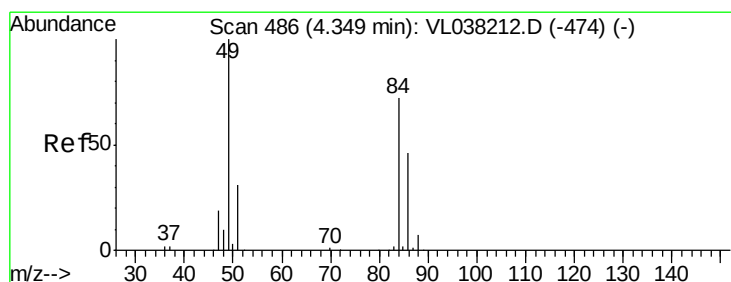
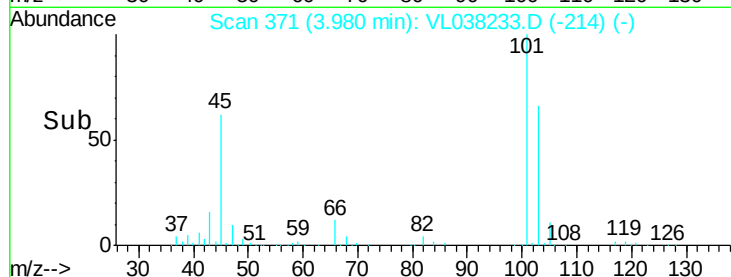
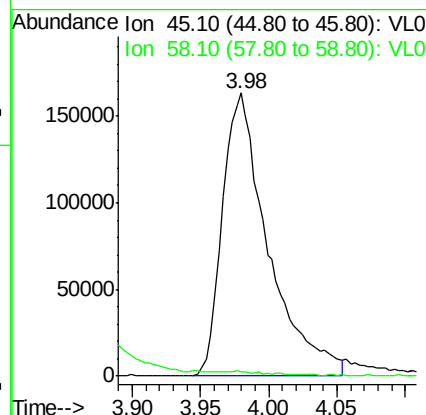
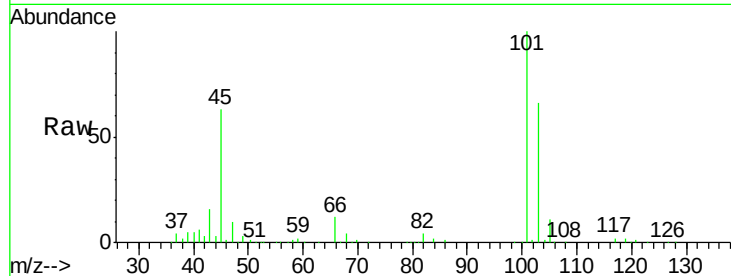
58 2.

Manual Integrations

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Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#20

Methylene Chloride

Concen: 7.183 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL038233.D

Acq: 29 Dec 2021 15:14

Tgt Ion: 84 Resp: 293647

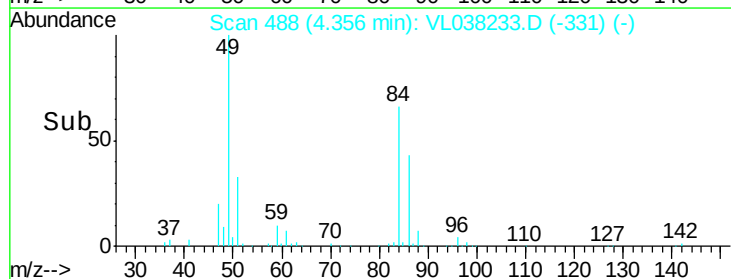
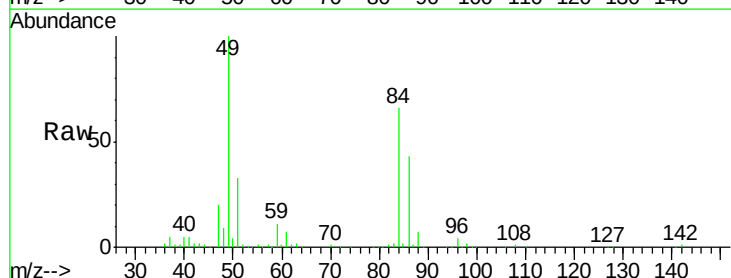
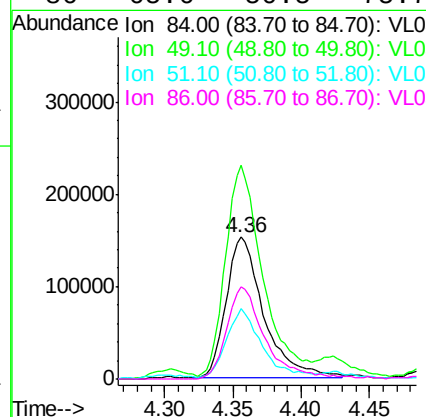
Ion Ratio Lower Upper

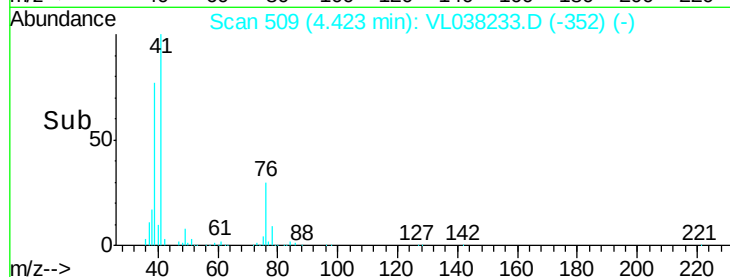
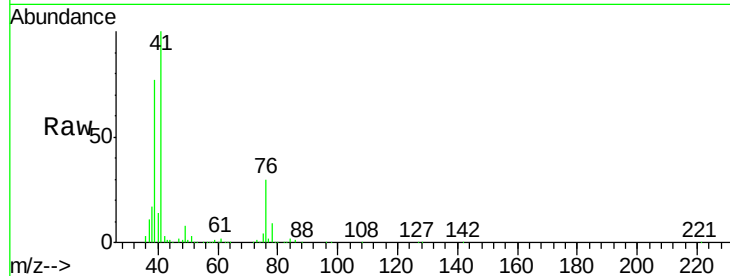
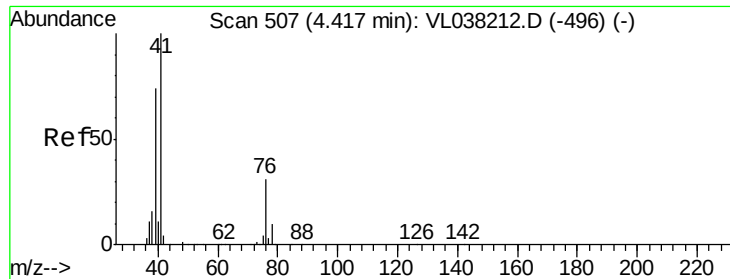
84 100

49 148.4 110.6 166.0

51 48.5 34.2 51.2

86 65.6 50.5 75.7



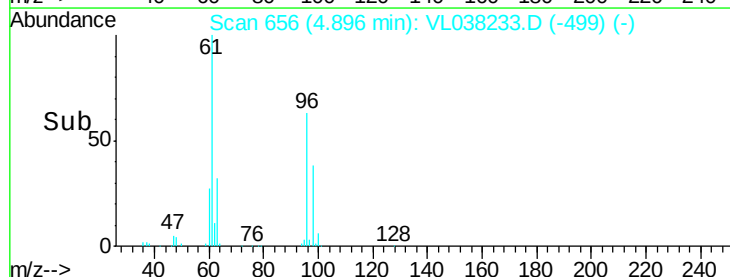
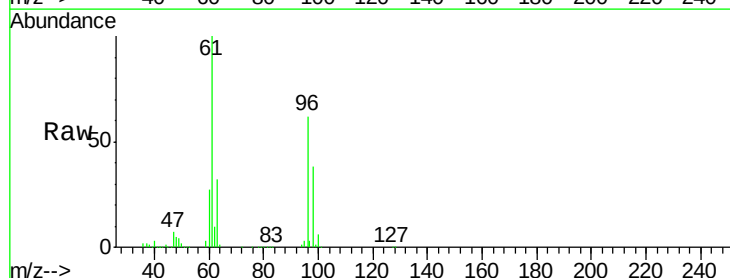
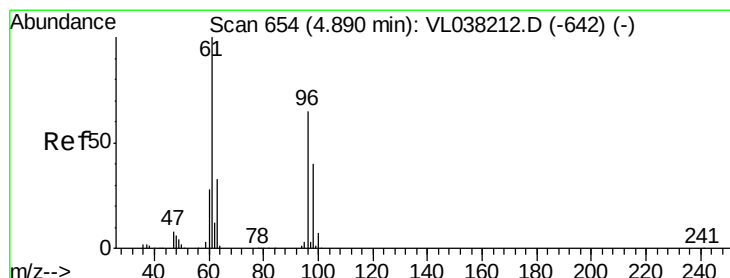
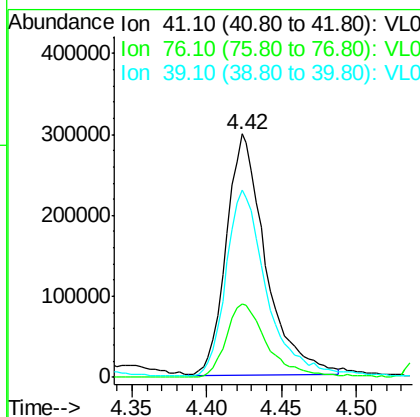


#21
 Allyl Chloride
 Concen: 8.874 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 41 100
 76 32.
 39 81.

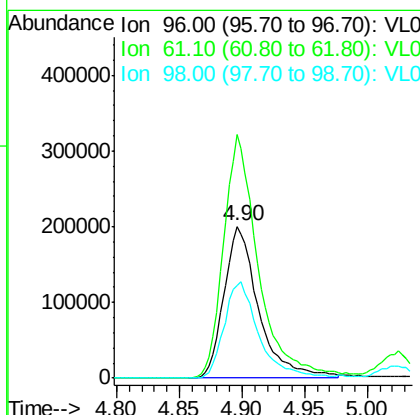
Manual Integrations
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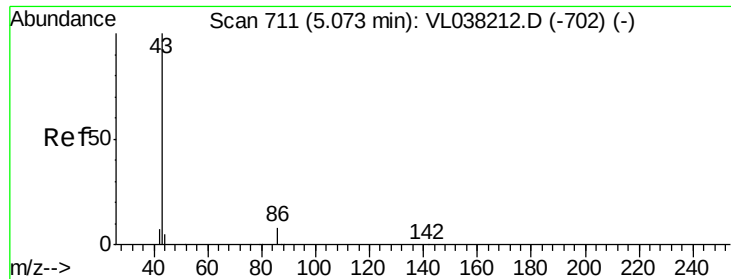
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.146 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 96 Resp: 385354
 Ion Ratio Lower Upper
 96 100
 61 160.6 123.5 185.3
 98 61.2 50.0 75.0



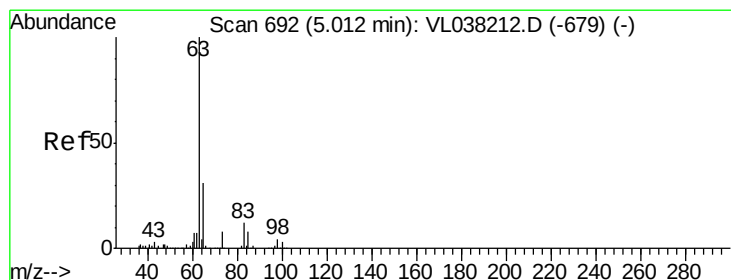
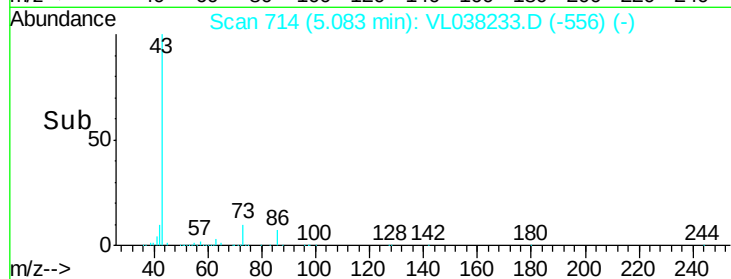
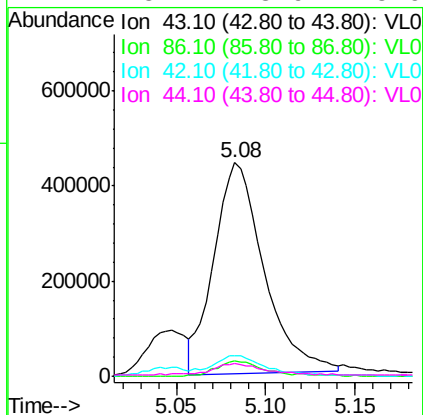
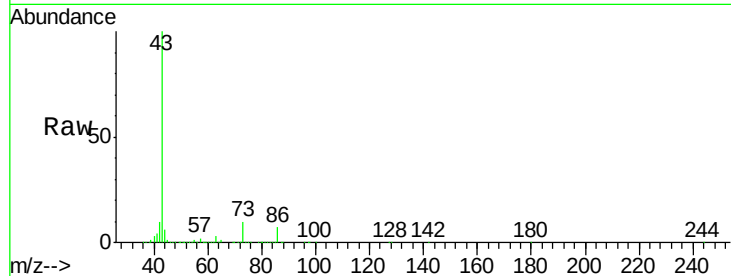


#23
 Vinyl Acetate
 Concen: 8.829 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion: 43
 Ion Ratio: 100
 86 7.
 42 9.
 44 5.2 3.9 5.9

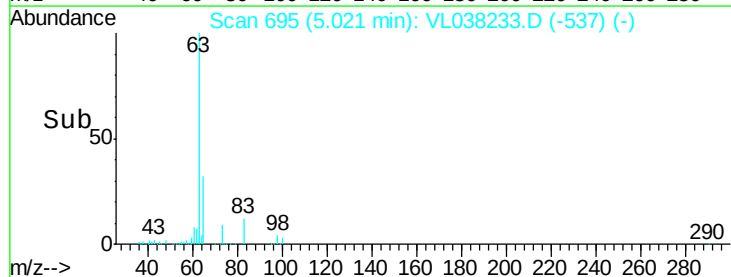
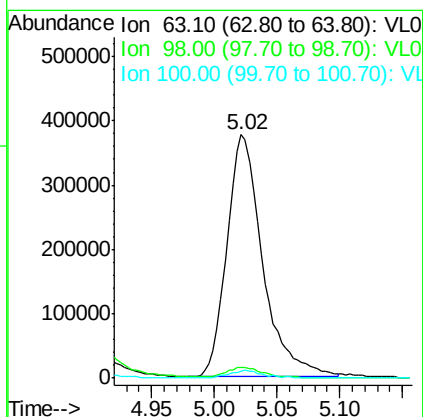
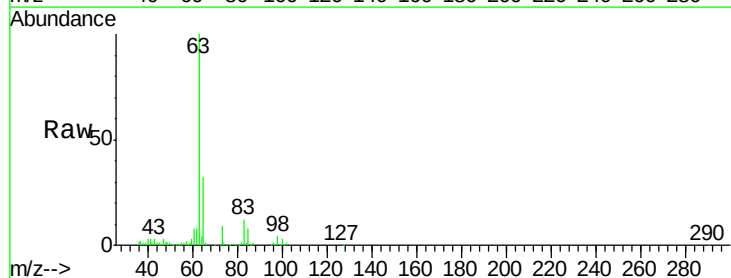
Manual Integrations
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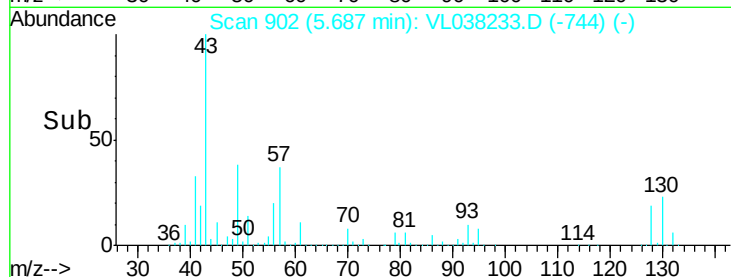
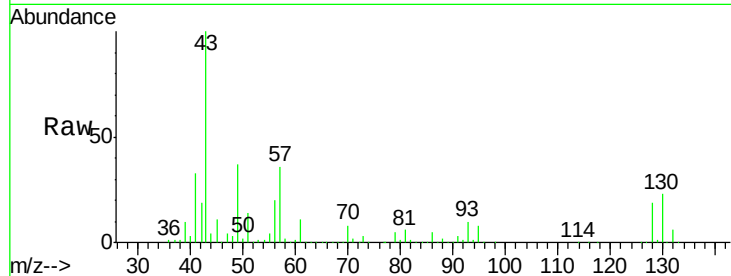
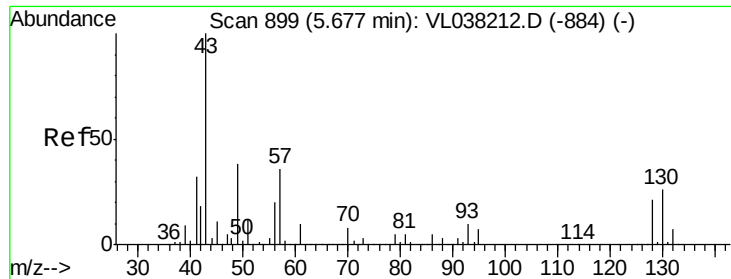
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#24
 1,1-Dichloroethane
 Concen: 8.526 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 63 Resp: 747493
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.2 6.6
 100 2.9 1.5 4.4



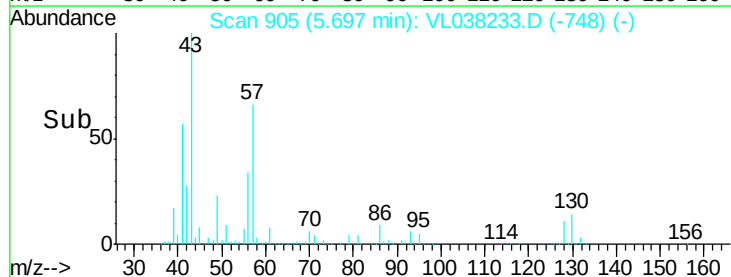
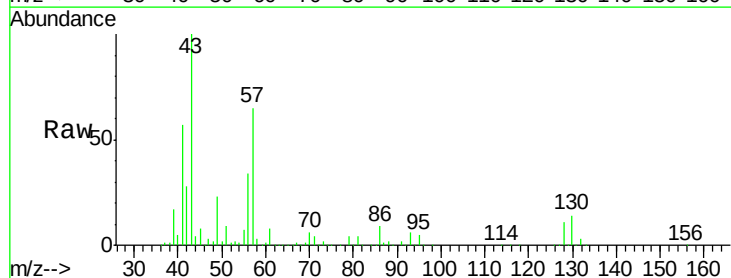
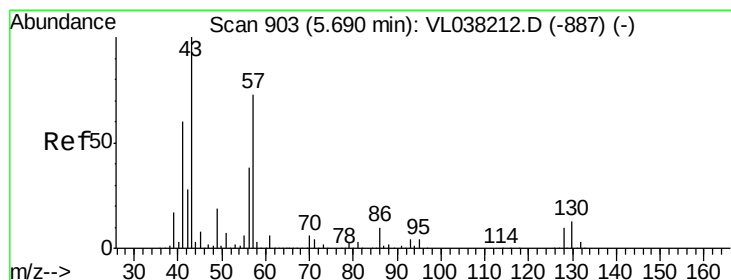
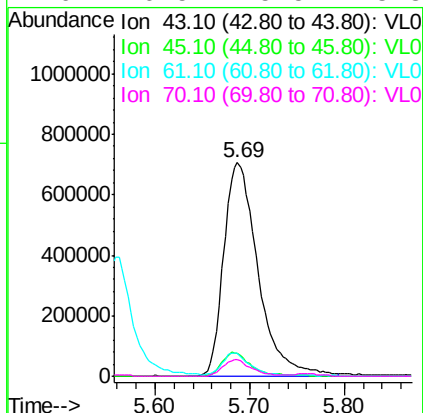


#25
Ethyl Acetate
Concen: 9.023 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 9.
70 6.5 5.5 8.3

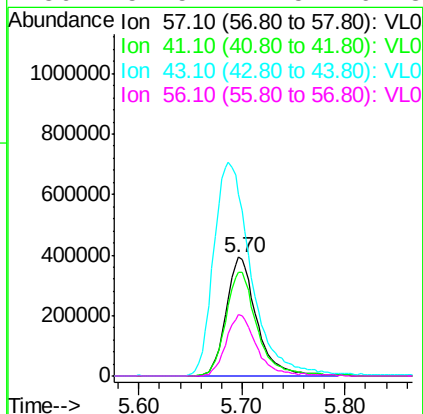
Manual Integrations APPROVED

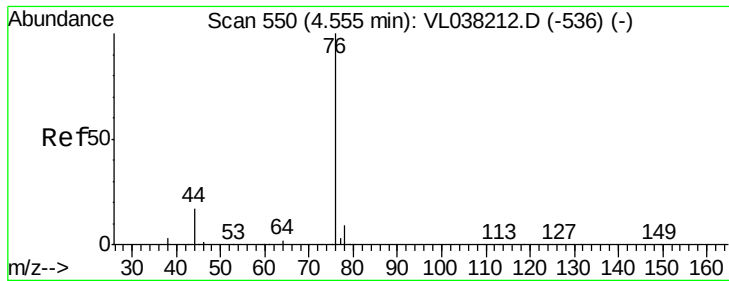
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#26
Hexane
Concen: 8.233 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 57 Resp: 810315
Ion Ratio Lower Upper
57 100
41 90.4 69.0 103.6
43 221.0 171.2 256.8
56 52.5 41.5 62.3



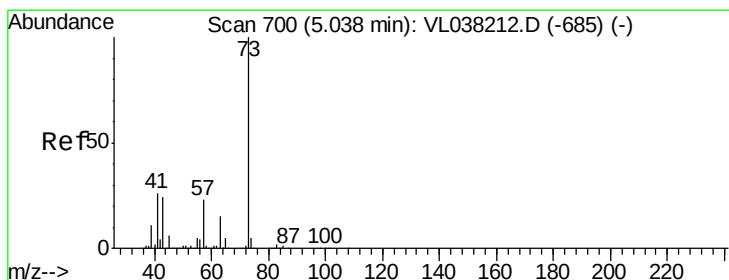
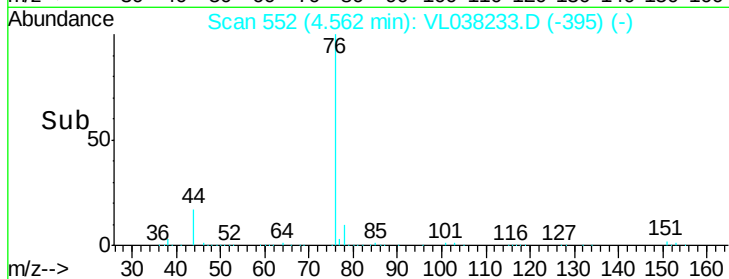
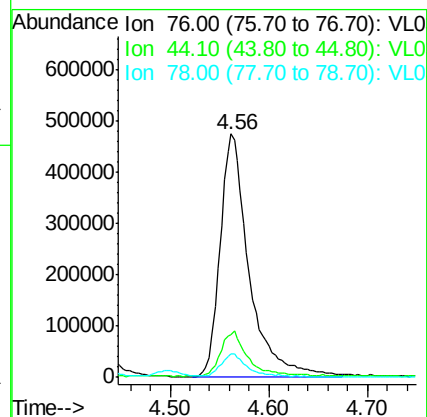
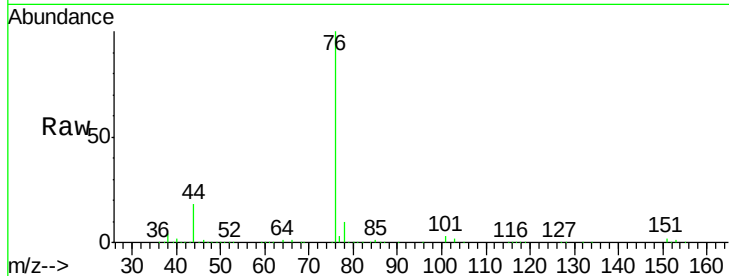


#27
 Carbon Disulfide
 Concen: 11.239 ppbv
 RT: 4.56
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 76 100
 44 17.
 78 9.

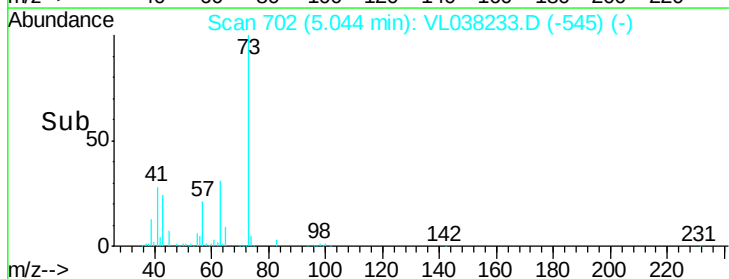
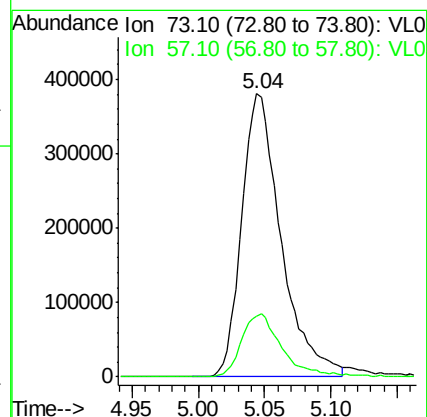
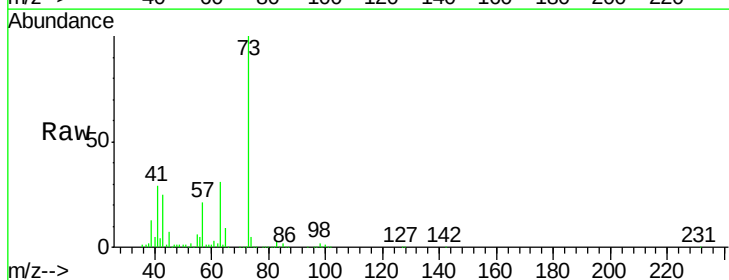
Manual Integrations
 APPROVED

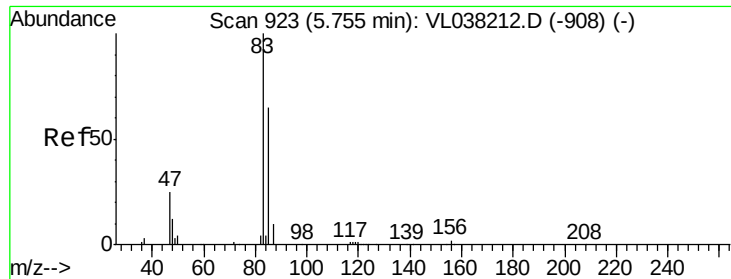
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#28
 Methyl tert-Butyl Ether
 Concen: 7.962 ppbv
 RT: 5.04 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 73 Resp: 787460
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.8 28.2



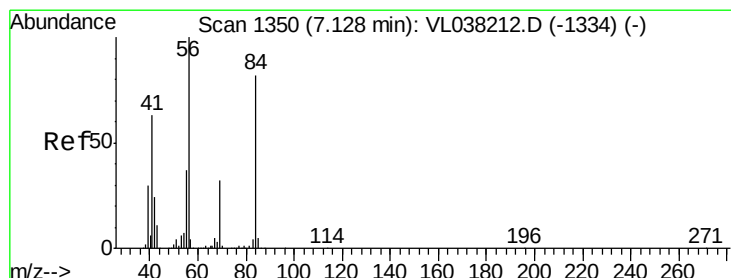
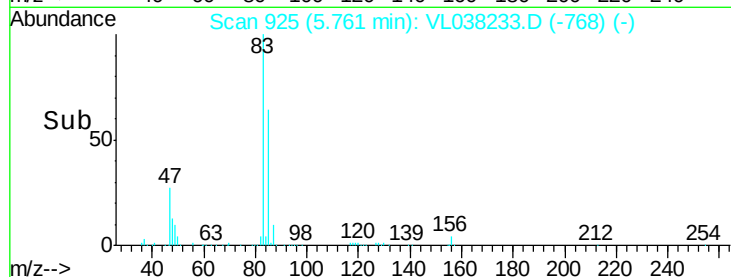
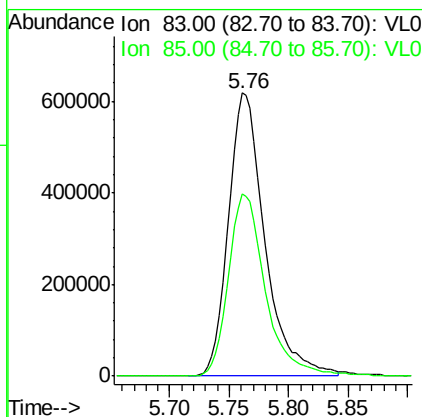
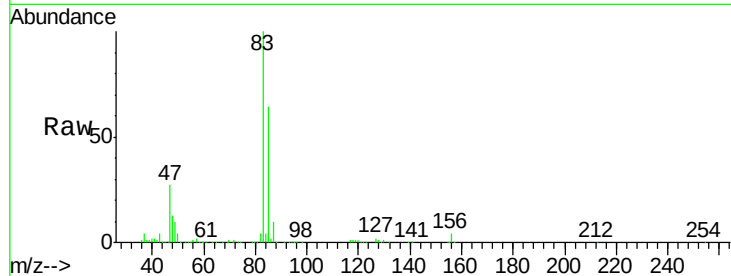


#29
Chloroform
Concen: 8.980 ppbv
RT: 5.76
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
83 100
85 64.

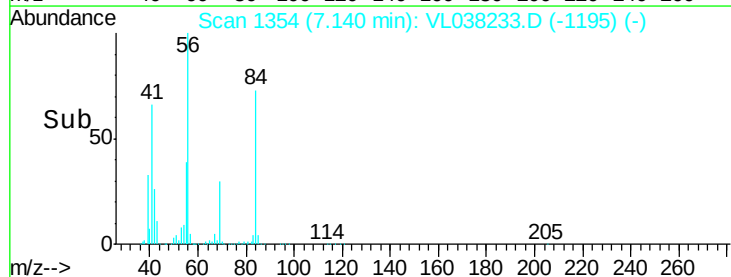
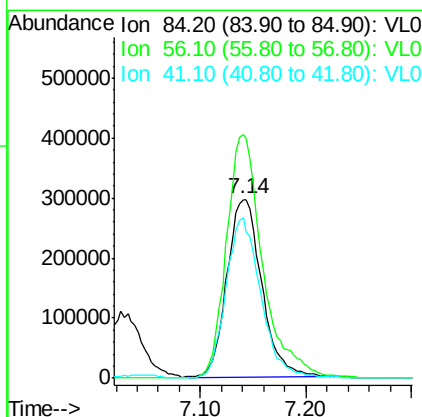
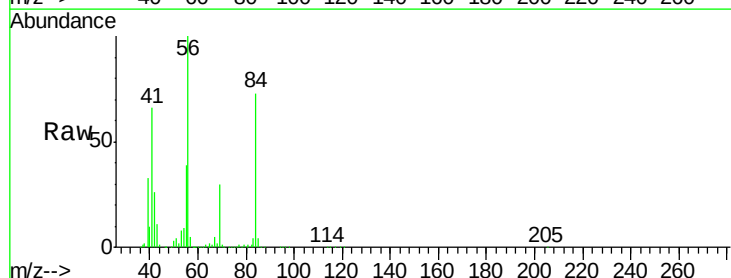
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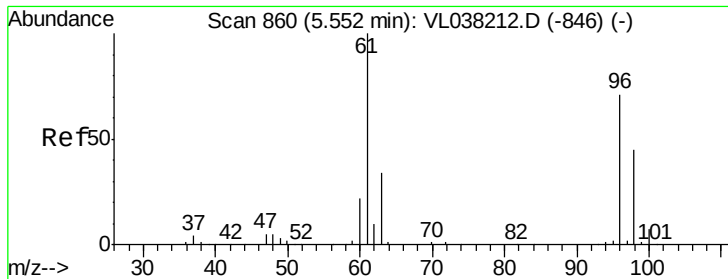
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#30
Cyclohexane
Concen: 7.809 ppbv
RT: 7.14 min Scan# 1354
Delta R.T.: 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 84 Resp: 680740
Ion Ratio Lower Upper
84 100
56 142.7 105.2 157.8
41 90.2 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 10.404 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Dec 2021 15:14 VL1229ABS01

Tgt Ion:

Ion Ratio

61 100

96 63.

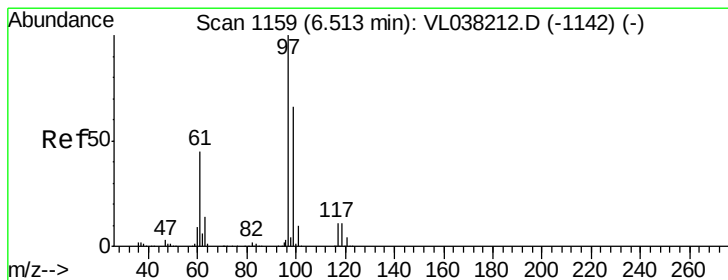
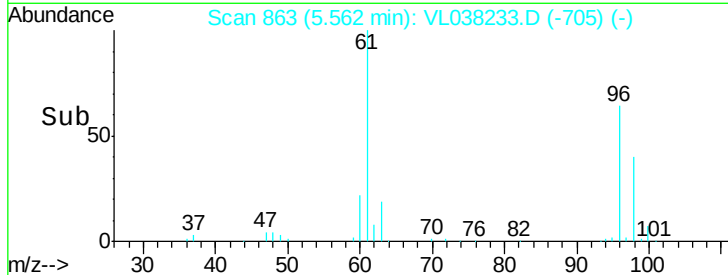
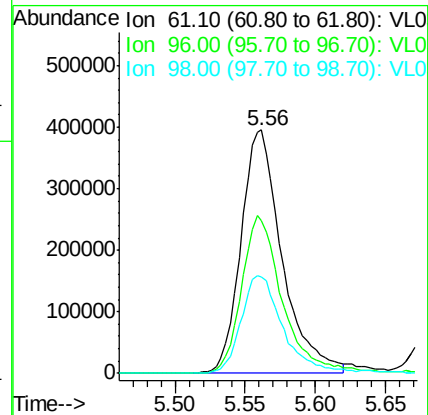
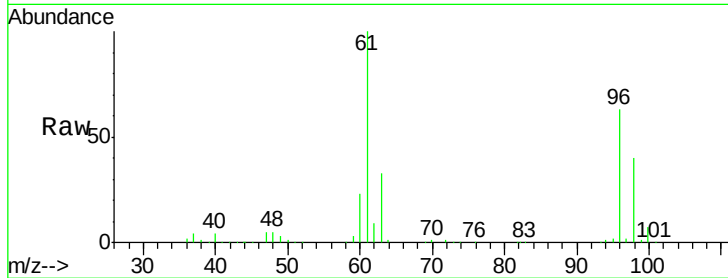
98 39.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#32

1,1,1-Trichloroethane

Concen: 9.175 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VL038233.D

Acq: 29 Dec 2021 15:14

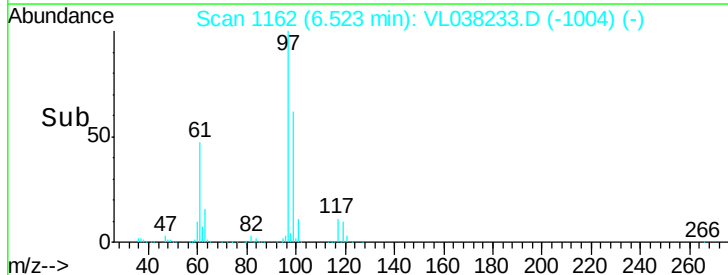
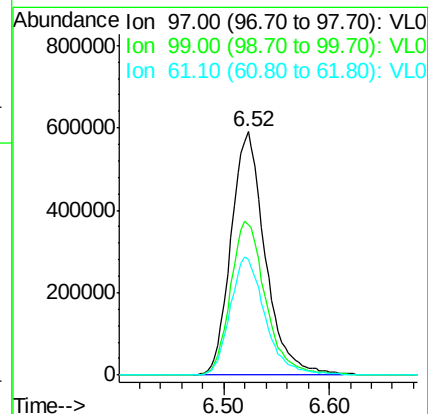
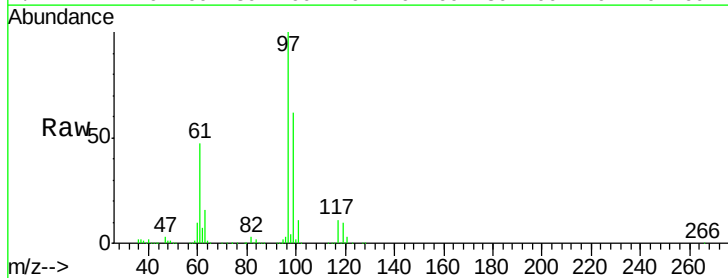
Tgt Ion: 97 Resp: 1329562

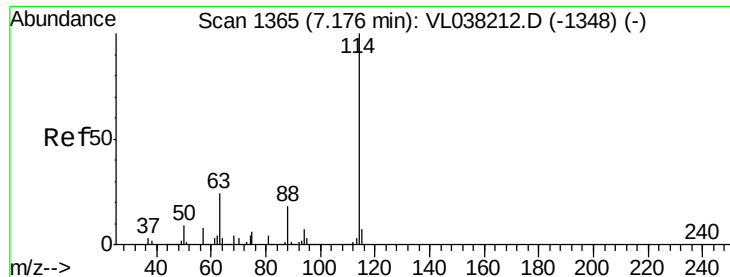
Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 49.9 37.2 55.8



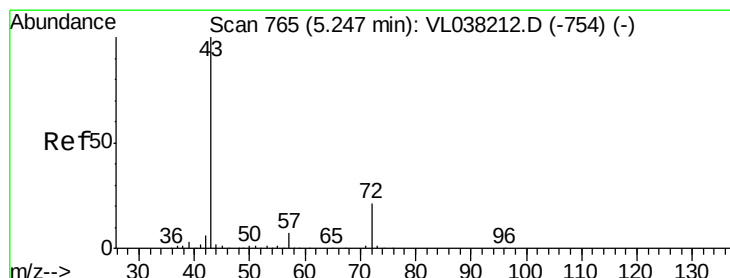
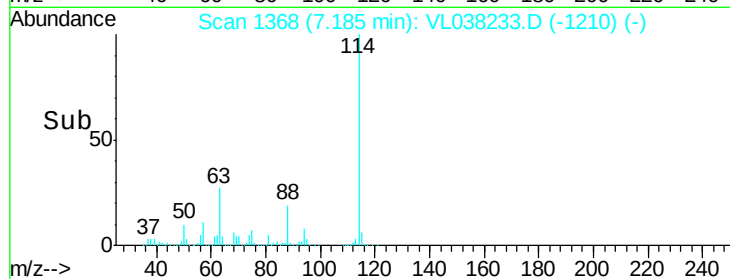
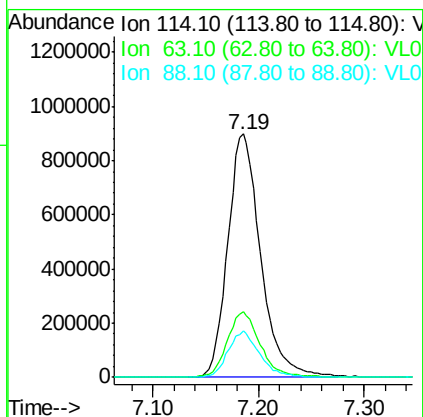
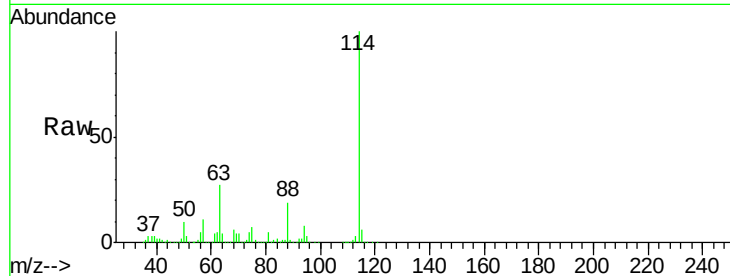


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 18.

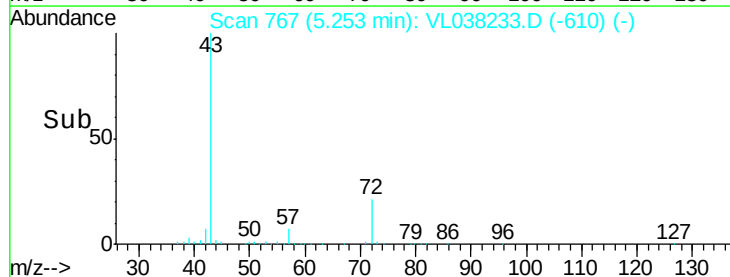
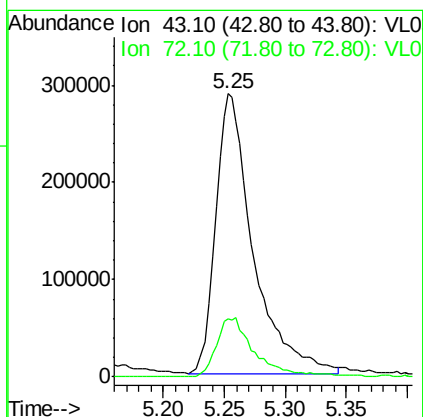
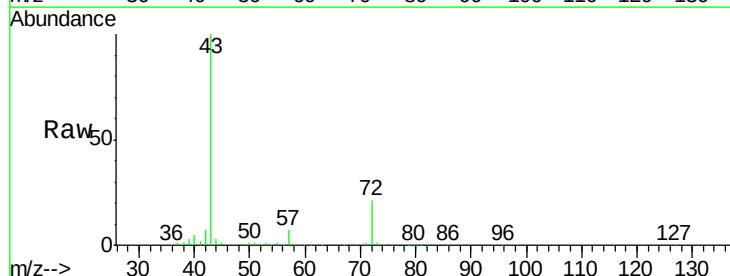
Manual Integrations
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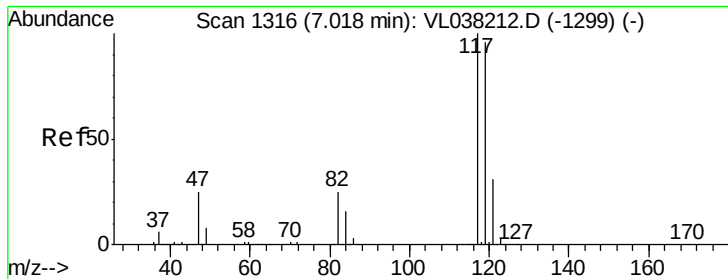
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#34
 2-Butanone
 Concen: 10.582 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 43 Resp: 618009
 Ion Ratio Lower Upper
 43 100
 72 21.8 18.3 27.5



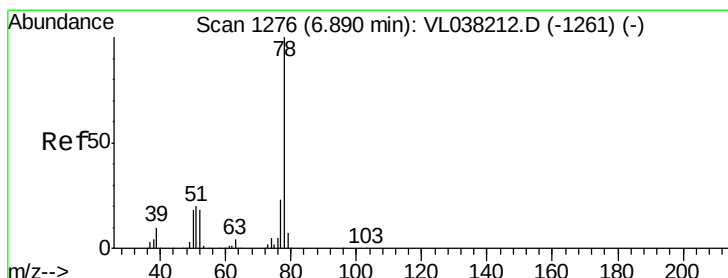
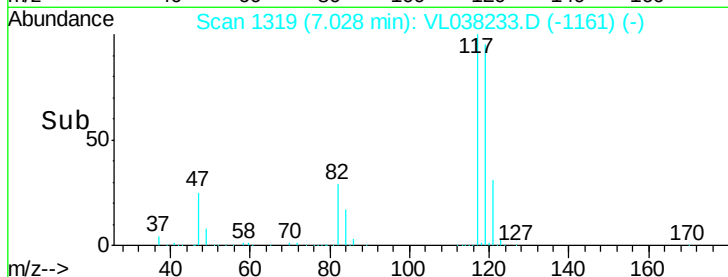
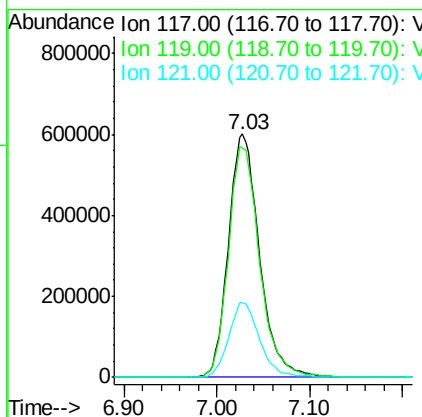
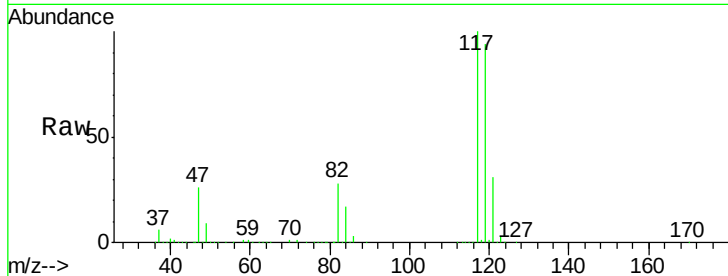


#35
Carbon Tetrachloride
Concen: 11.633 ppbv
RT: 7.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion: 117
Ion Ratio: 100
117 100
119 94.
121 30.

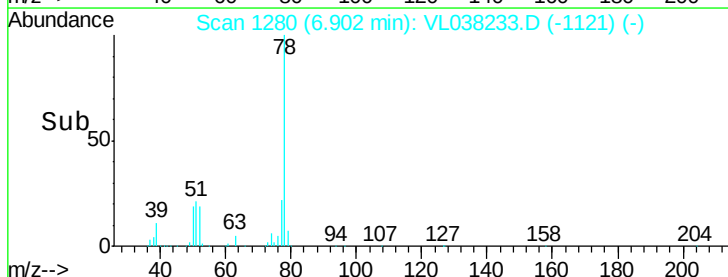
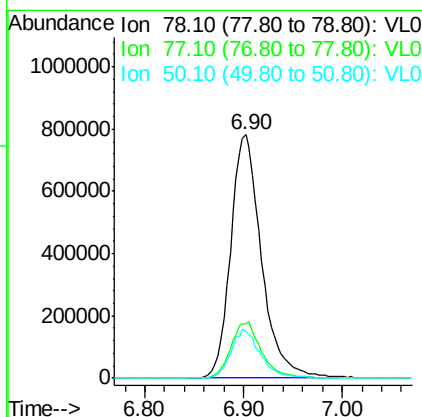
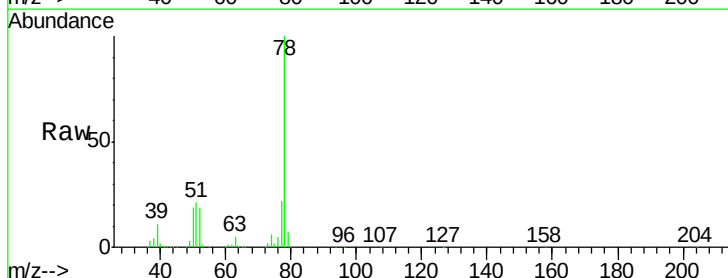
Manual Integrations
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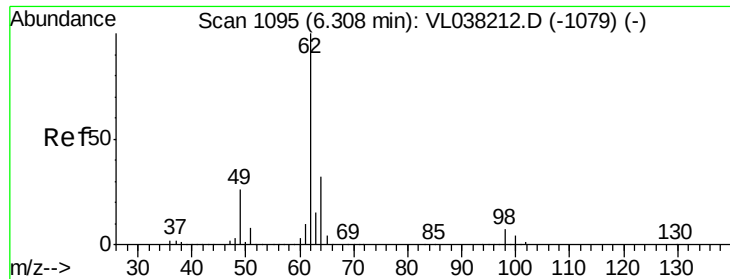
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#36
Benzene
Concen: 9.374 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 78 Resp: 1698878
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4
50 19.0 14.3 21.5



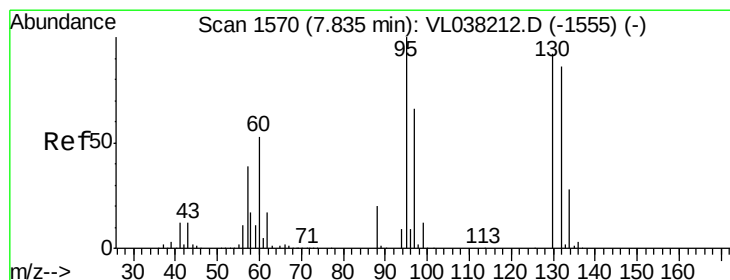
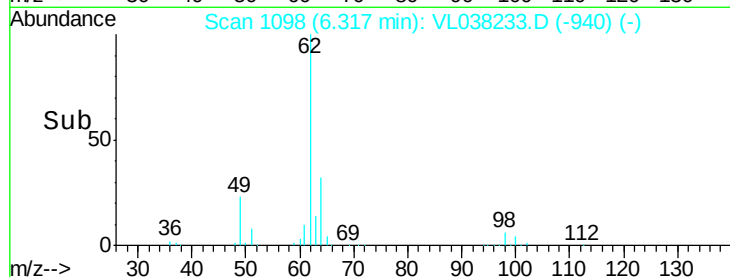
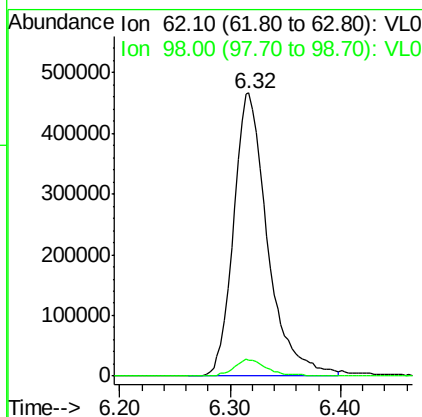
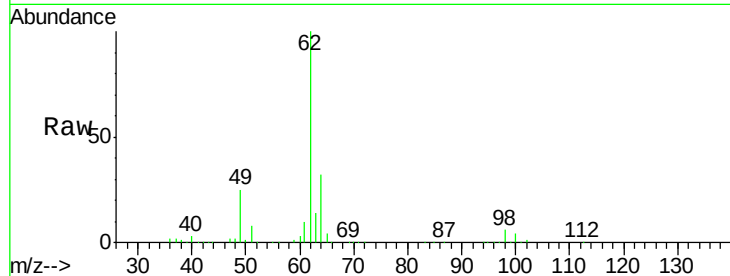


#37
 1,2-Dichloroethane
 Concen: 10.944 ppbv
 RT: 6.32
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 62 100
 98 6.

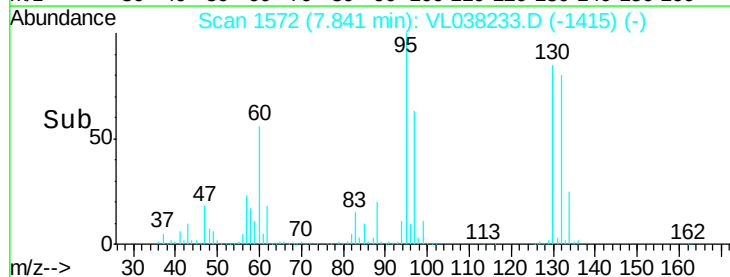
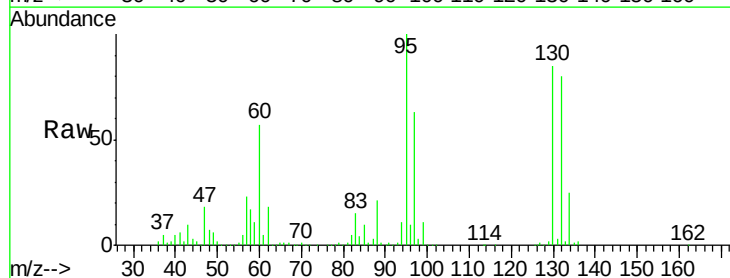
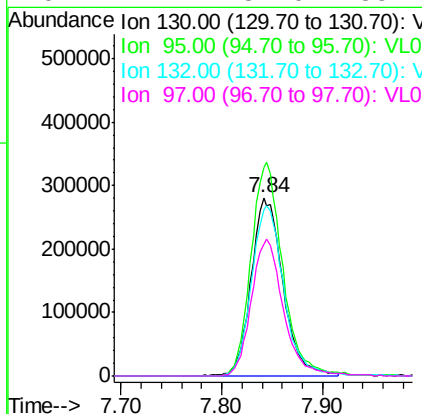
Manual Integrations
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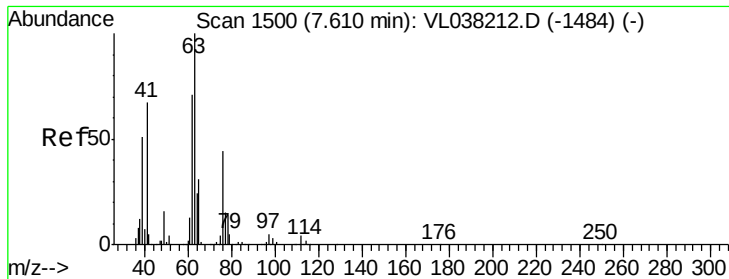
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#38
 Trichloroethene
 Concen: 8.870 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion:130 Resp: 611792
 Ion Ratio Lower Upper
 130 100
 95 117.4 87.0 130.4
 132 93.9 75.1 112.7
 97 74.4 57.0 85.4



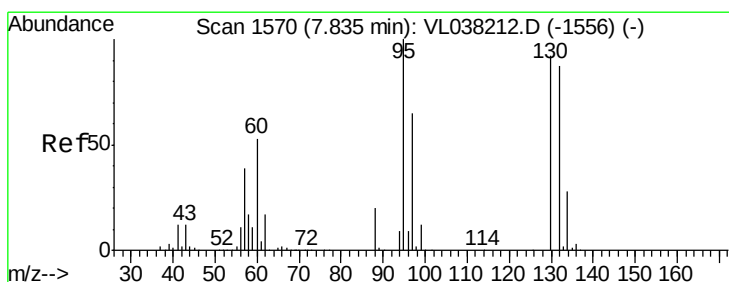
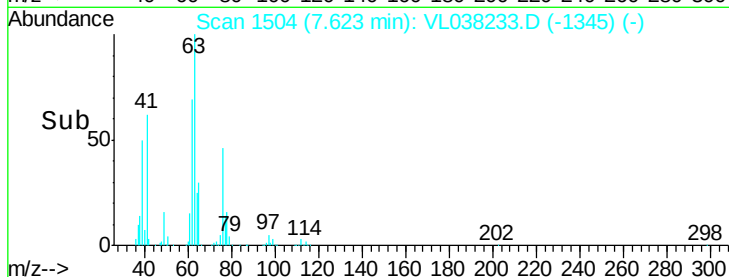
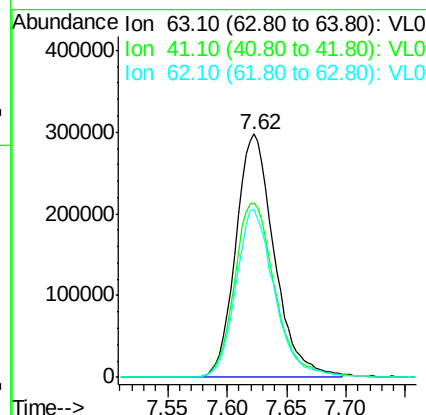
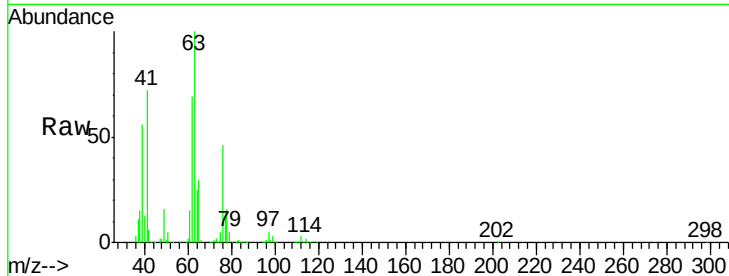


#39
 1,2-Dichloropropane
 Concen: 9.533 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 63 100
 41 71.
 62 68.

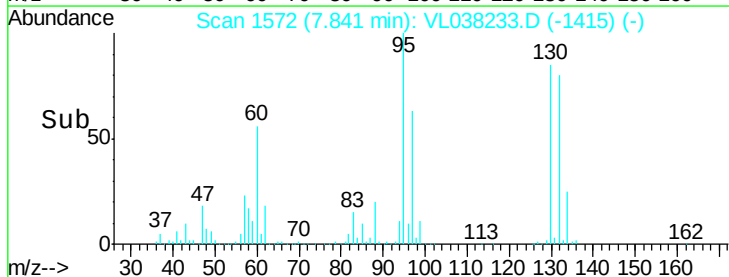
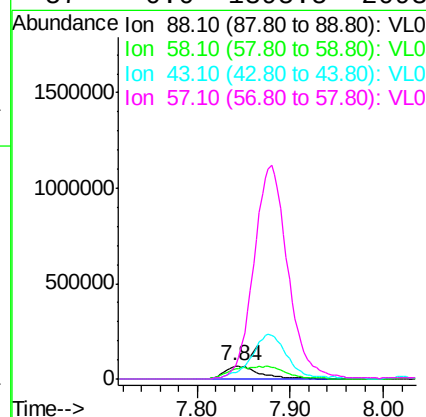
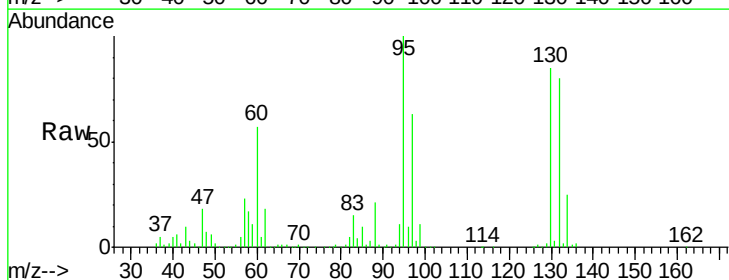
Manual Integrations
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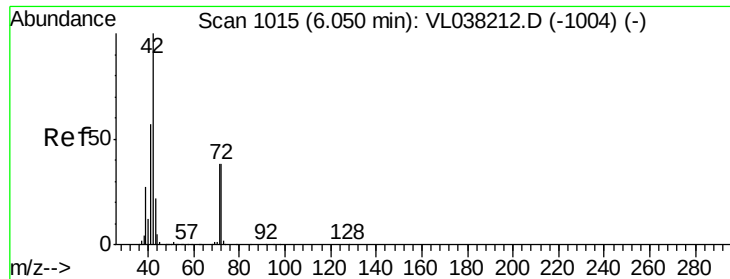
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#40
 1,4-Dioxane
 Concen: 8.813 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 88 Resp: 178835
 Ion Ratio Lower Upper
 88 100
 58 0.0 127.8 191.8#
 43 0.0 301.0 451.6#
 57 0.0 1395.5 2093.3#



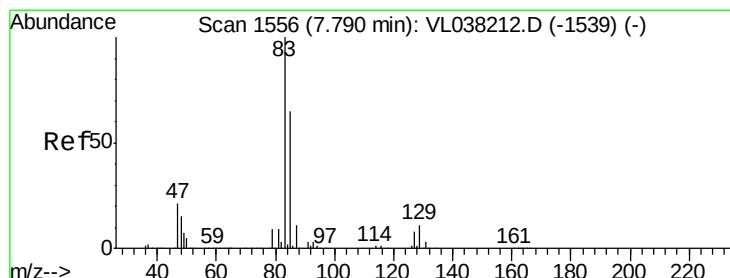
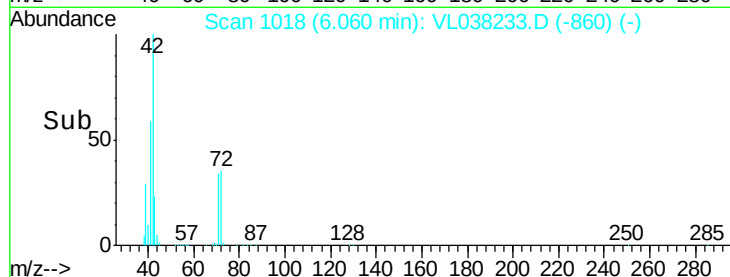
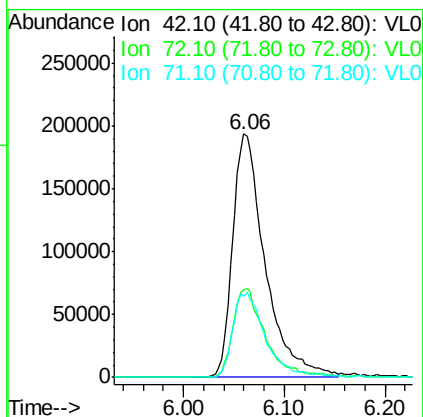
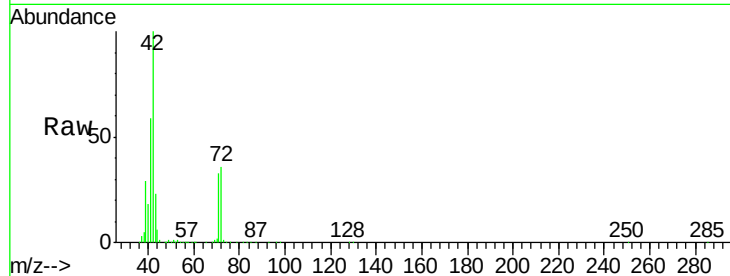


#41
Tetrahydrofuran
Concen: 10.165 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
42 100
72 36.
71 35.

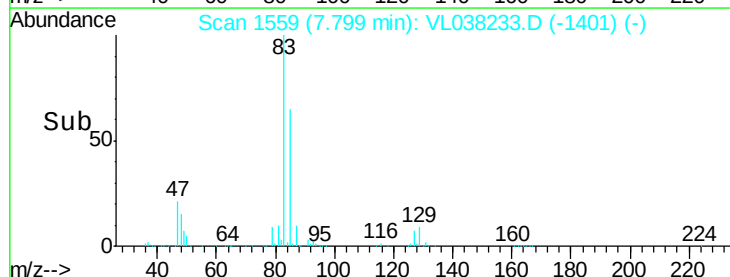
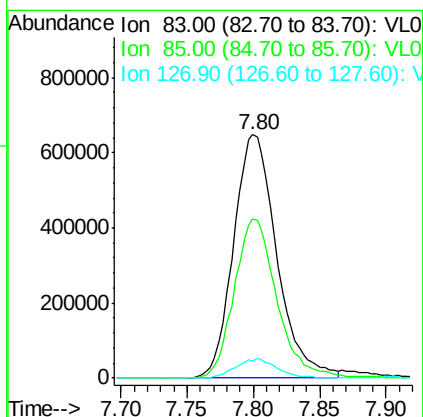
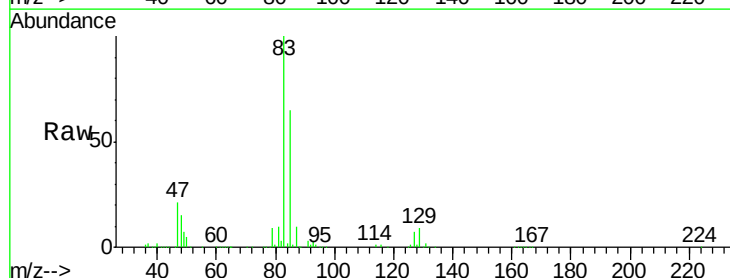
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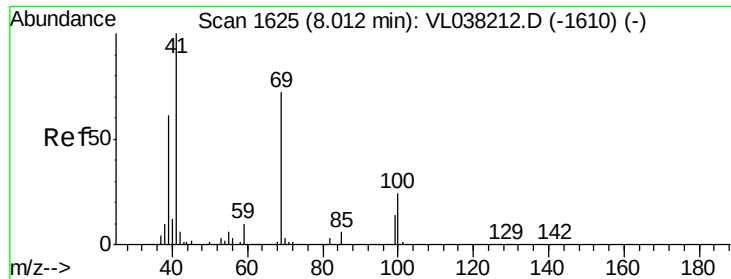
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#42
Bromodichloromethane
Concen: 11.367 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 83 Resp: 1470854
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0
127 7.1 6.1 9.1



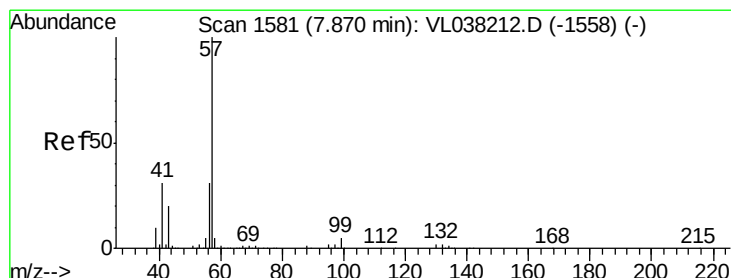
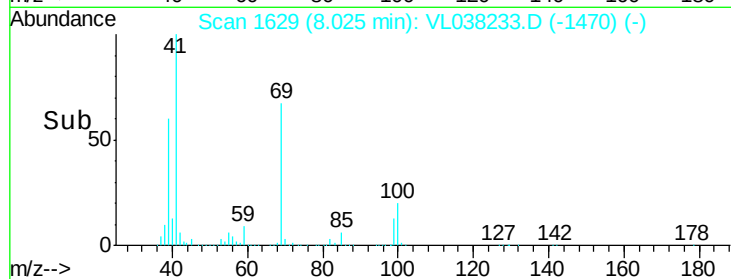
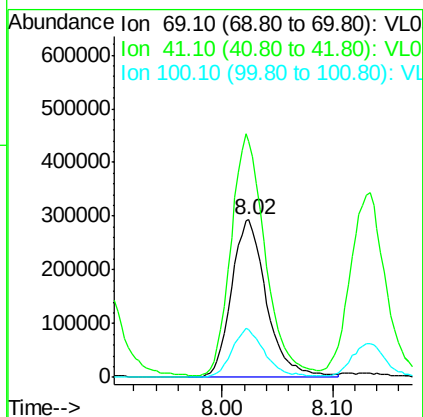
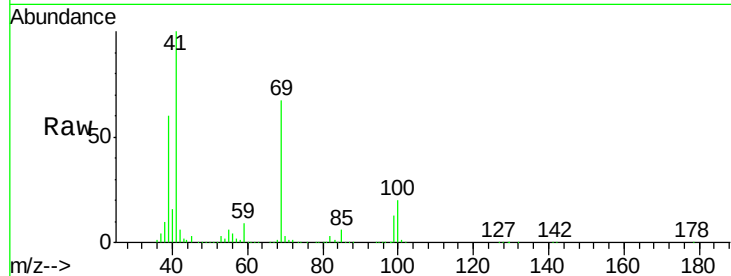


#43
Methyl Methacrylate
 Concen: 10.350 ppbv
 RT: 8.02
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 69 100
 41 150.
 100 29.

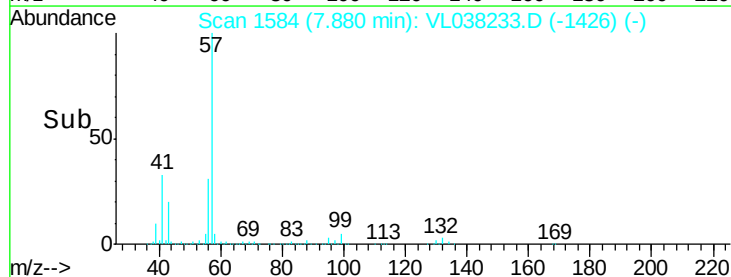
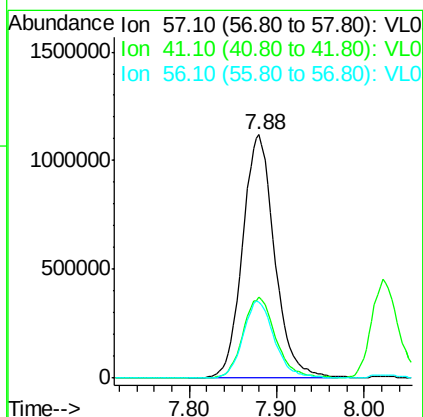
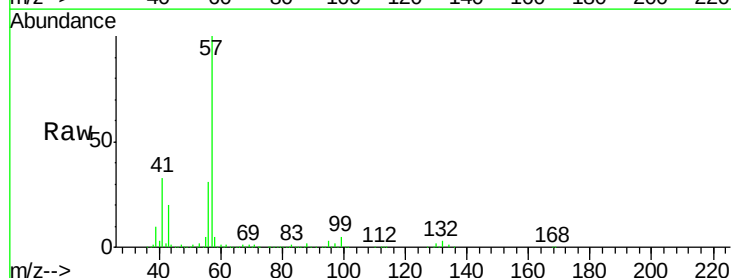
Manual Integrations
APPROVED

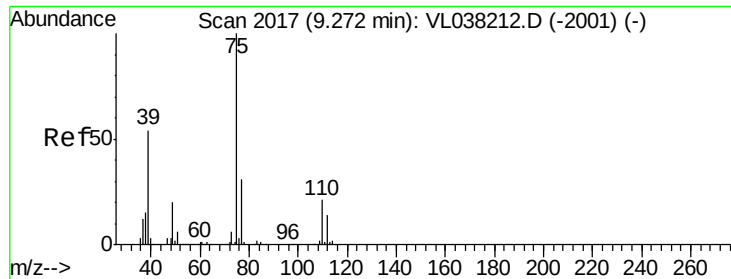
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#44
2,2,4-Trimethylpentane
 Concen: 9.254 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 57 Resp: 2848990
 Ion Ratio Lower Upper
 57 100
 41 33.7 24.9 37.3
 56 31.1 24.8 37.2



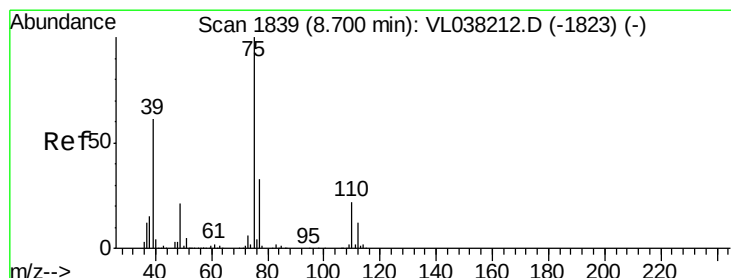
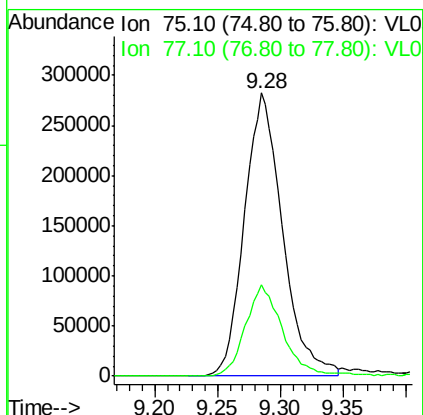
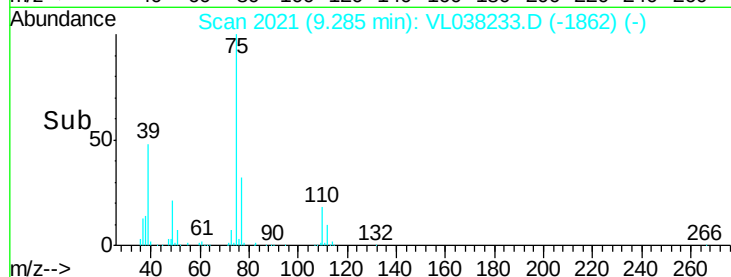
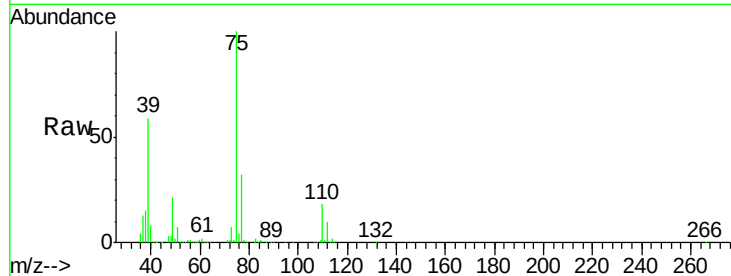


#45
t-1,3-Dichloropropene
Concen: 12.962 ppbv
RT: 9.28
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VL1229ABS01
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
75 100
77 32.

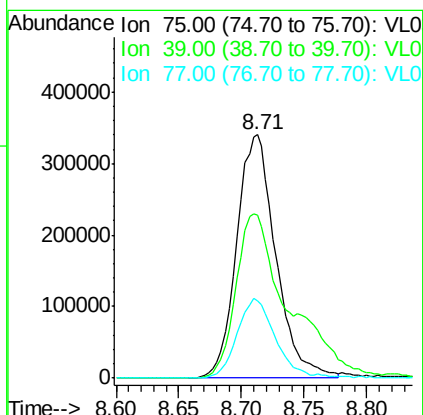
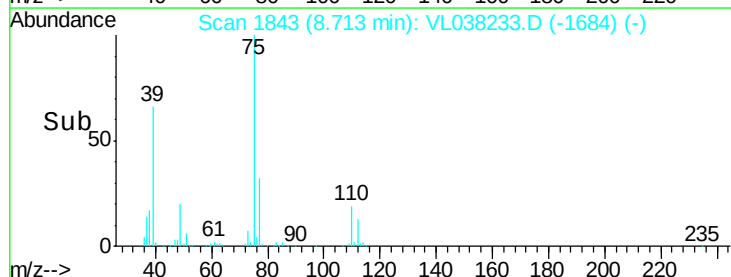
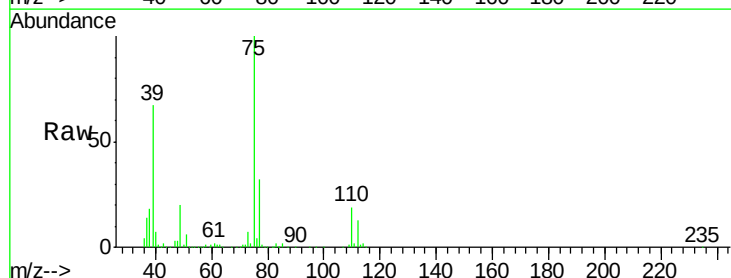
Manual Integrations
APPROVED

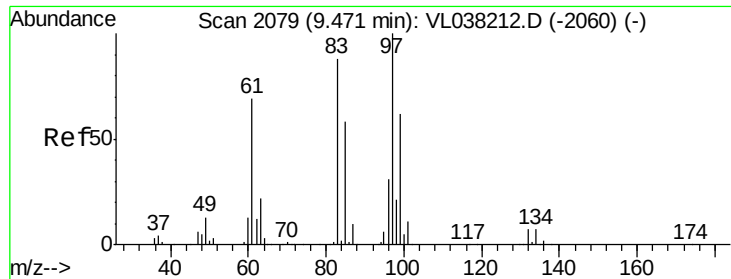
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#46
cis-1,3-Dichloropropene
Concen: 11.540 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 75 Resp: 737351
Ion Ratio Lower Upper
75 100
39 66.7 48.9 73.3
77 31.7 26.2 39.2



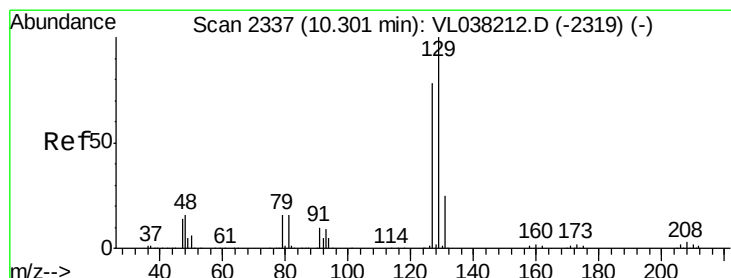
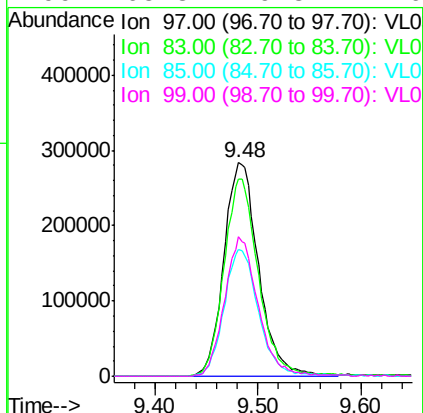
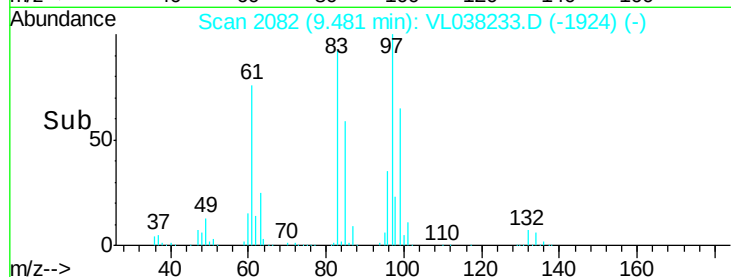
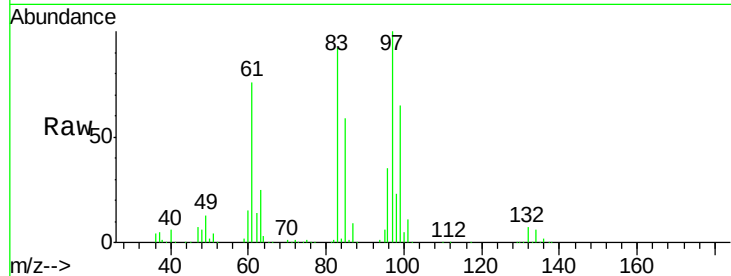


#47
 1,1,2-Trichloroethane
 Concen: 9.115 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 97 100
 83 92.
 85 59.
 99 65.3 49.8 74.6

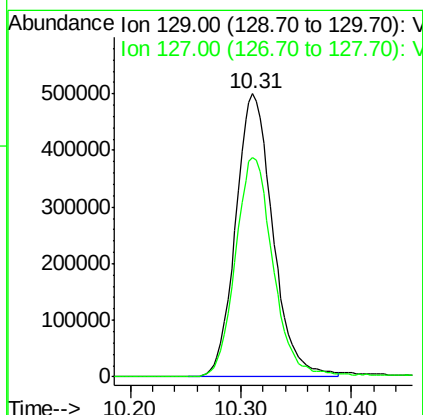
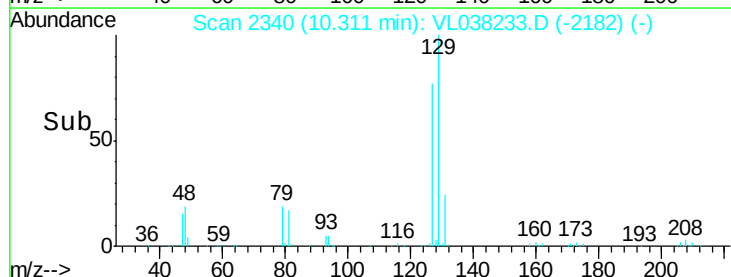
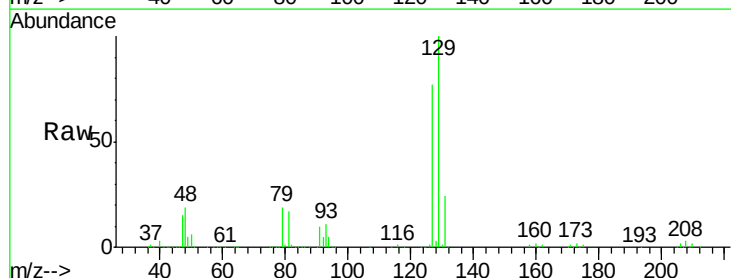
Manual Integrations
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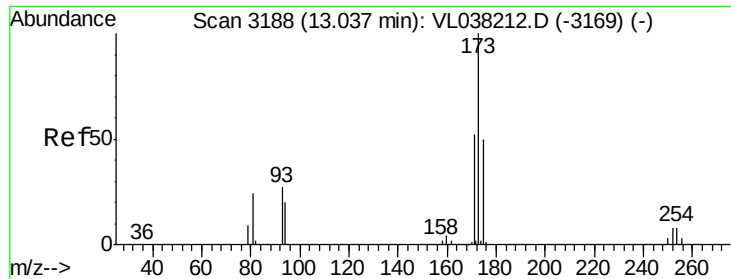
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#48
 Dibromochloromethane
 Concen: 11.445 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion:129 Resp: 1165128
 Ion Ratio Lower Upper
 129 100
 127 79.8 40.2 120.6





#49

Bromoform

Concen: 11.537 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Dec 2021 15:14

Tgt Ion:1

Ion Ratio

173 100

175 52.

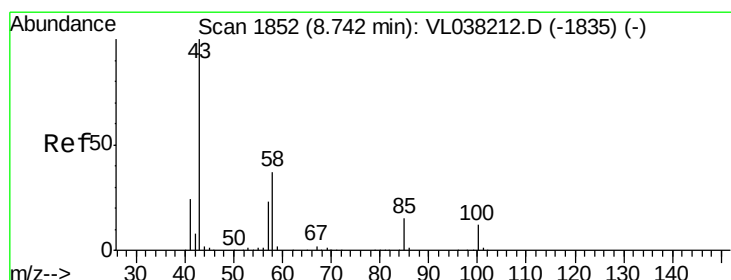
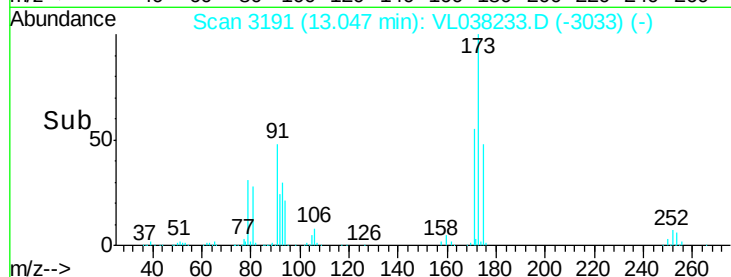
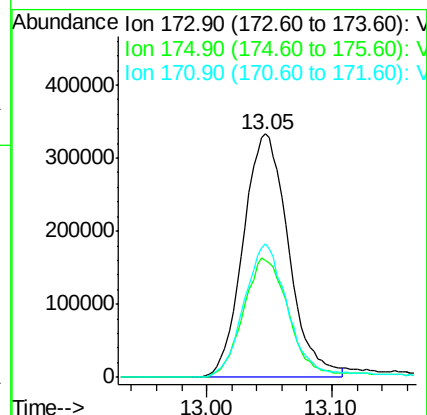
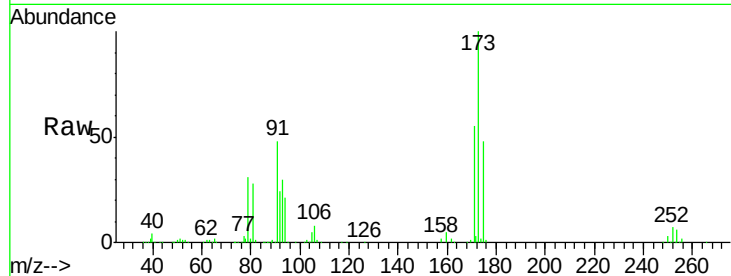
171 55.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#50

4-Methyl-2-Pentanone

Concen: 11.150 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL038233.D

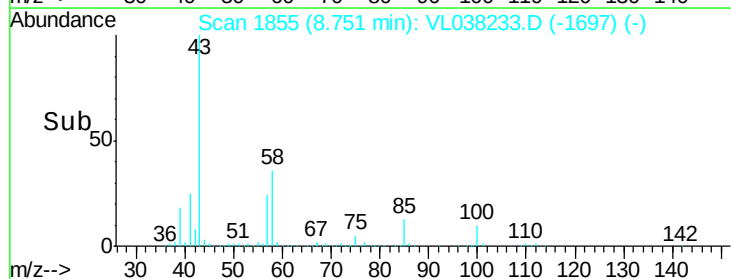
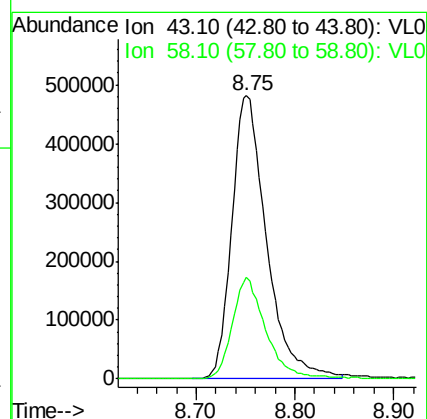
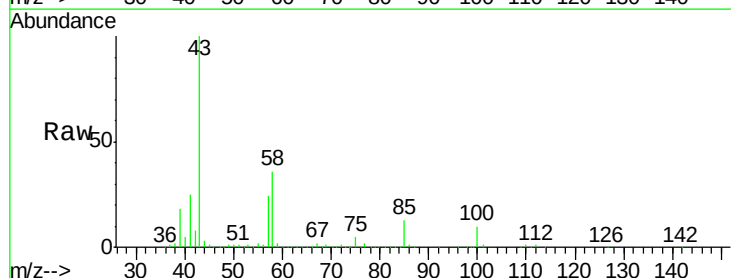
Acq: 29 Dec 2021 15:14

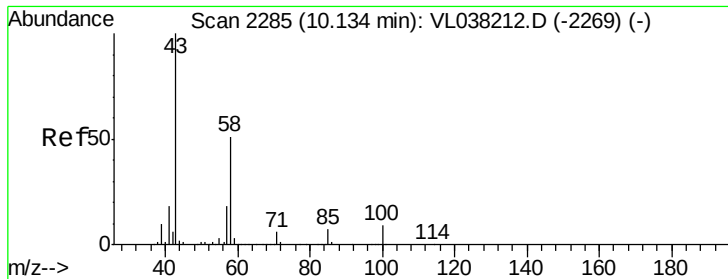
Tgt Ion: 43 Resp: 1183927

Ion Ratio Lower Upper

43 100

58 35.0 29.4 44.2



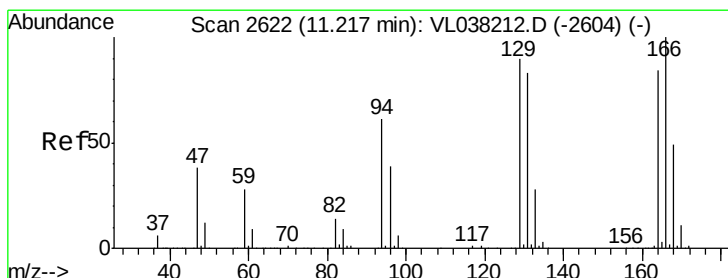
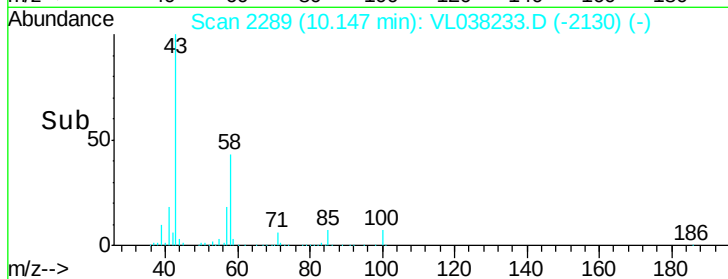
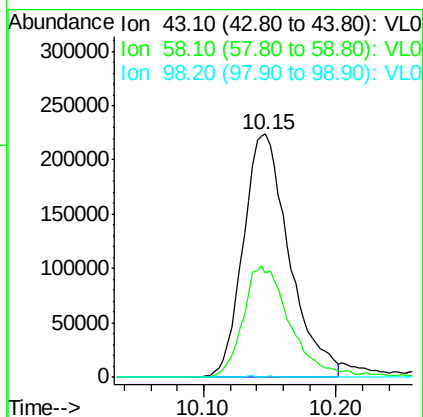
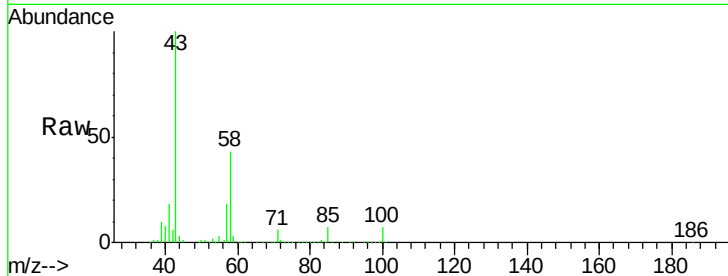


#51
2-Hexanone
Concen: 10.640 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
43 100
58 48.
98 0.

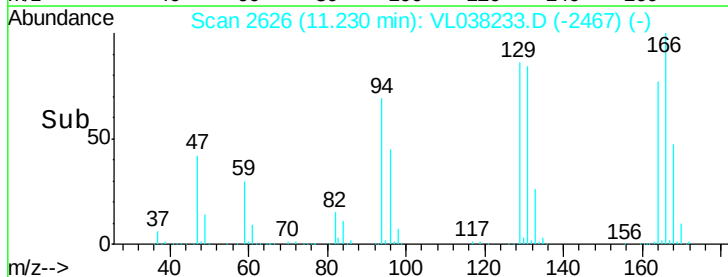
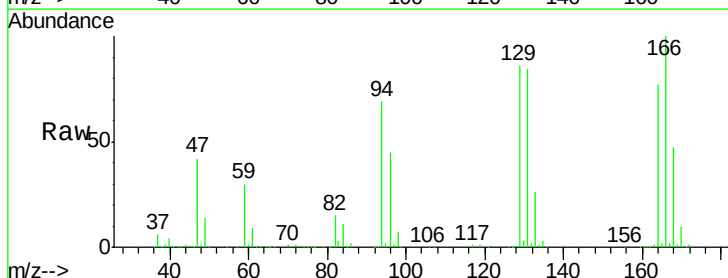
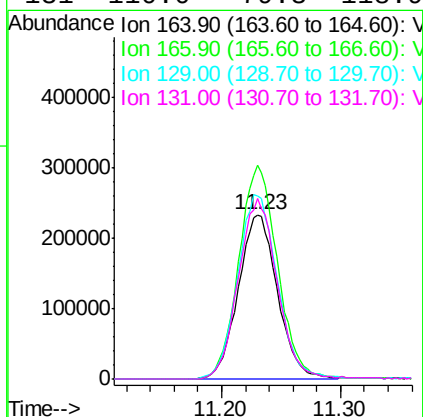
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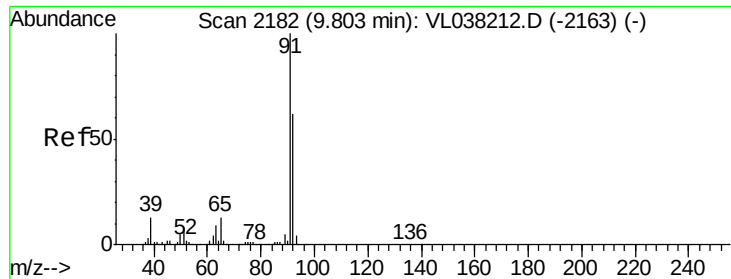
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#52
Tetrachloroethene
Concen: 7.928 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion:164 Resp: 530356
Ion Ratio Lower Upper
164 100
166 130.2 95.6 143.4
129 111.6 85.8 128.8
131 110.0 79.3 118.9





#53

Toluene

Concen: 8.998 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Dec 2021 15:14 VL1229ABS01

Tgt Ion:

Ion Ratio

91 100

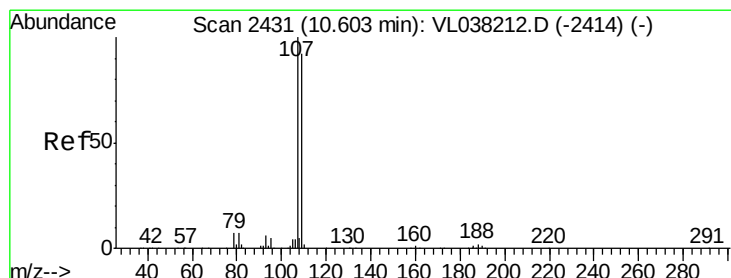
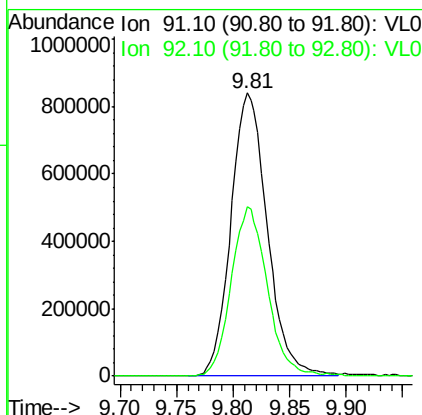
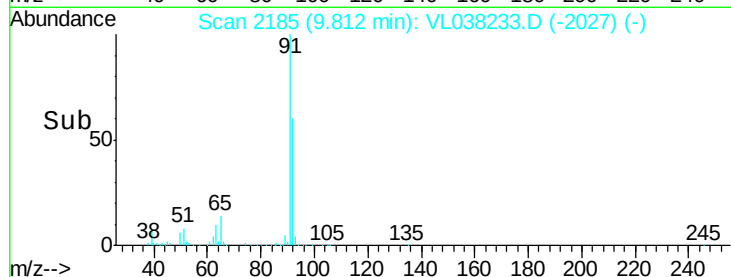
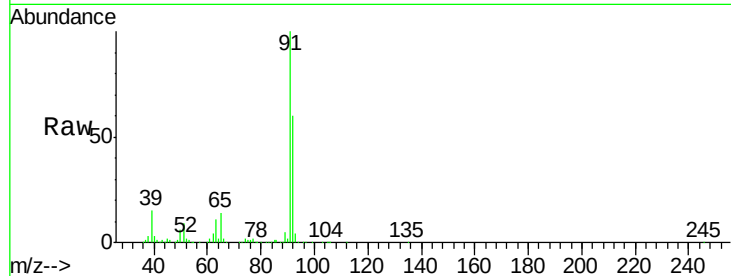
92 59.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#54

1,2-Dibromoethane

Concen: 9.353 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038233.D

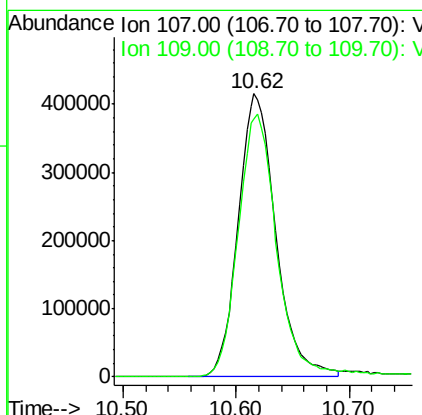
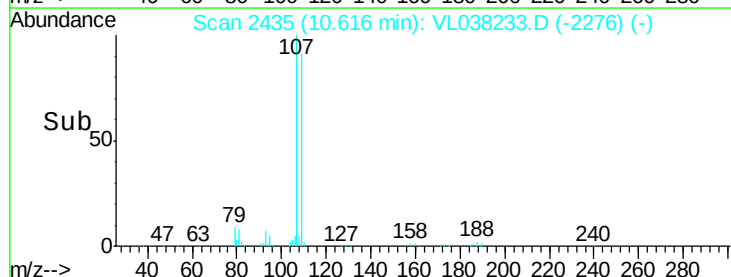
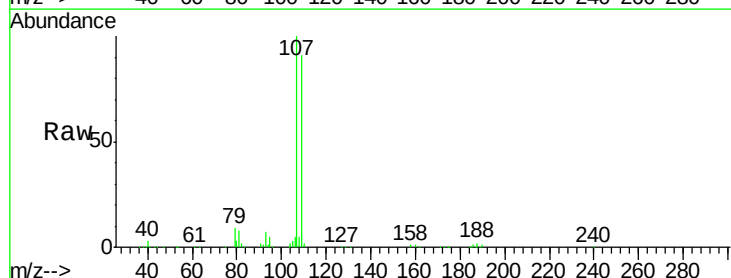
Acq: 29 Dec 2021 15:14

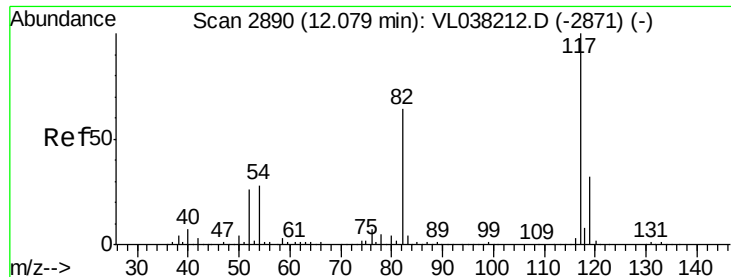
Tgt Ion:107 Resp: 960548

Ion Ratio Lower Upper

107 100

109 91.1 73.3 109.9



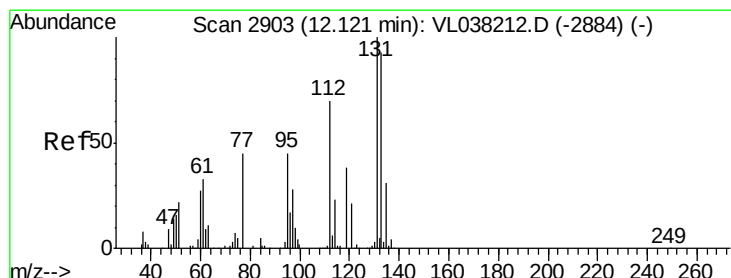
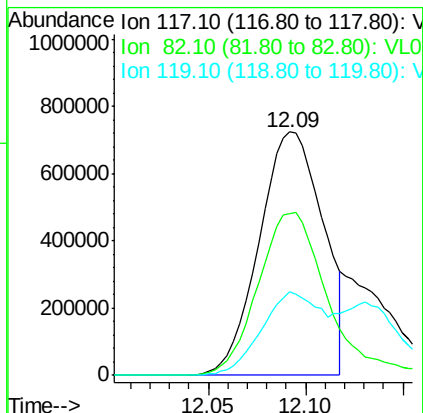
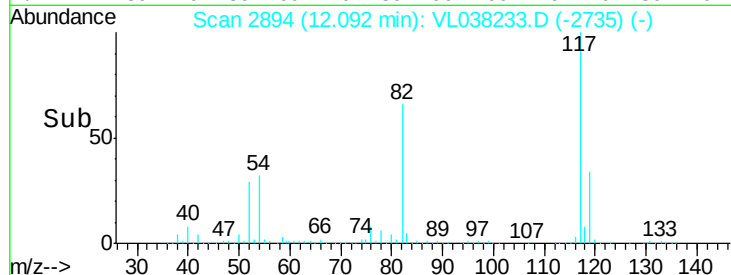
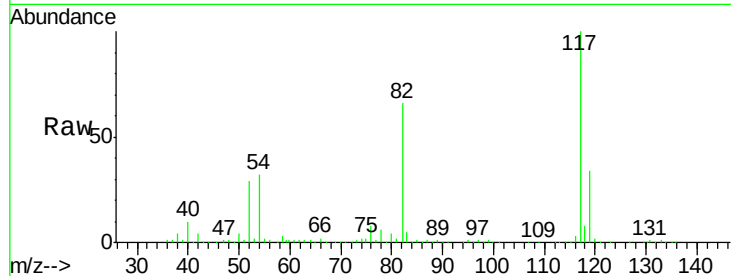


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Dec 2021 15:14

Tgt Ion: 117
Ion Ratio: 100
117 100
82 75.
119 33.

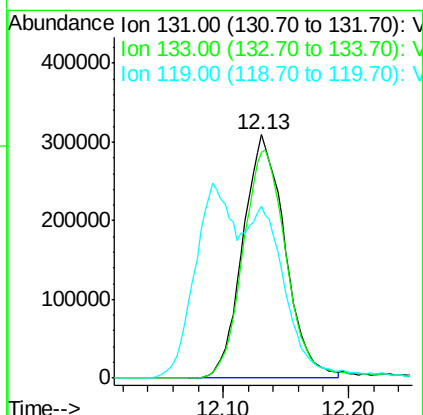
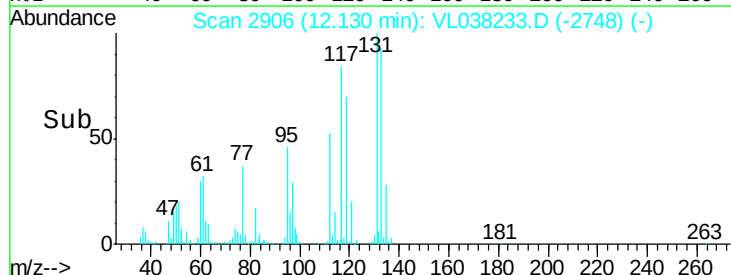
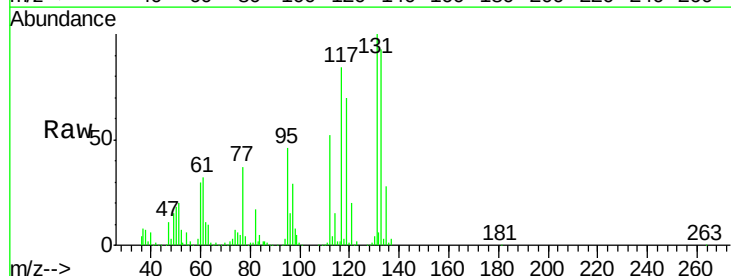
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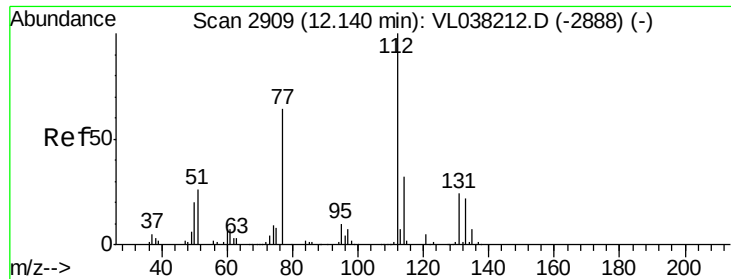
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.483 ppbv
RT: 12.13 min Scan# 2906
Delta R.T.: 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 131 Resp: 722350
Ion Ratio Lower Upper
131 100
133 98.5 77.6 116.4
119 67.4 124.8 187.2#





#57

Chlorobenzene

Concen: 8.849 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Dec 2021 15:14

Tgt Ion:1

Ion Ratio

112 100

77 65.

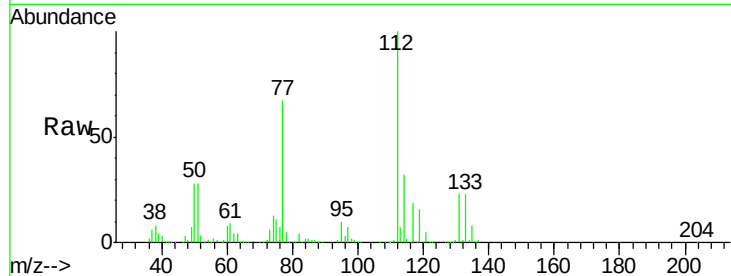
114 32.

Manual Integrations

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Reviewed By :Amit Patel 12/30/2021

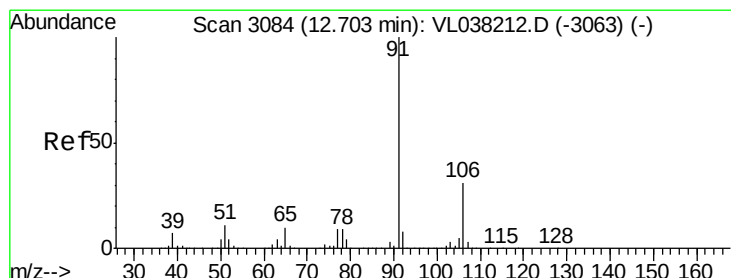
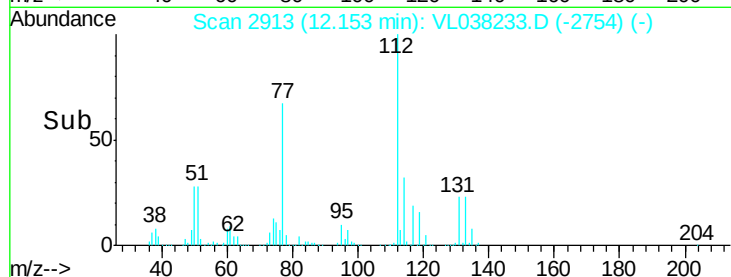
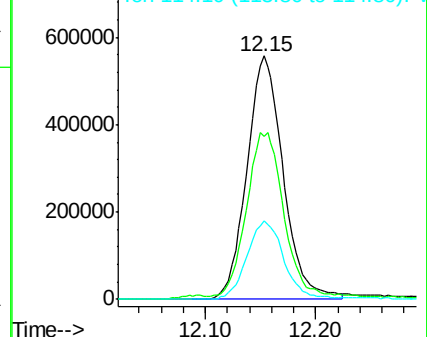
Supervised By :Semsettin Yesilyurt 01/02/2022



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.425 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.01 min

Lab File: VL038233.D

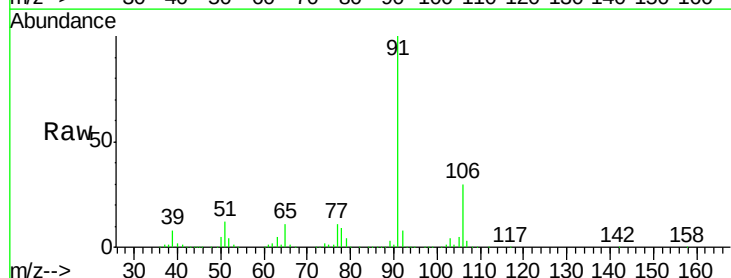
Acq: 29 Dec 2021 15:14

Tgt Ion: 91 Resp: 2423178

Ion Ratio Lower Upper

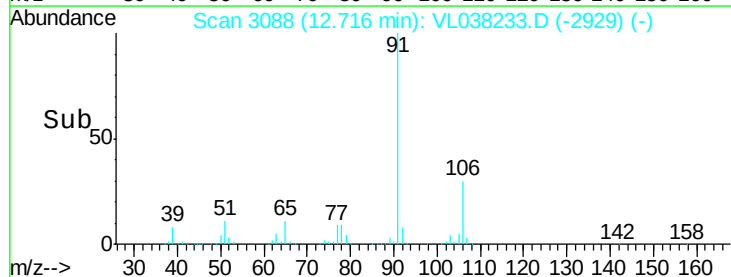
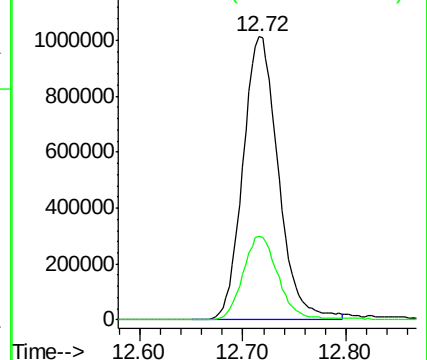
91 100

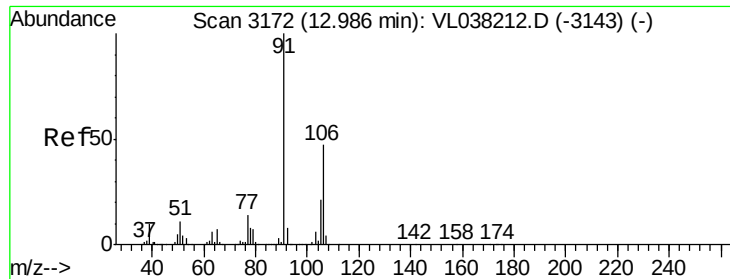
106 29.8 25.0 37.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



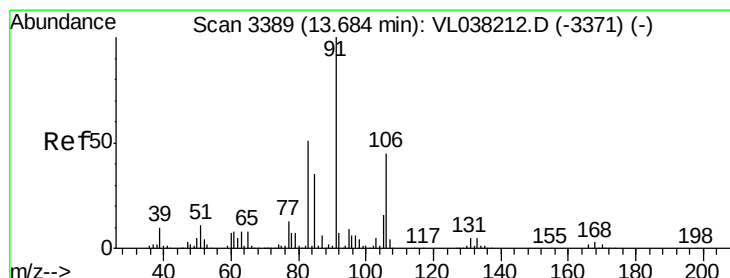
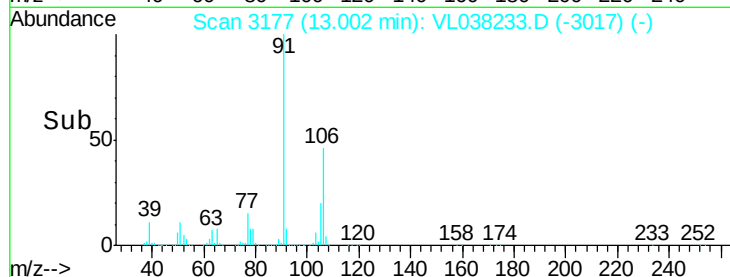
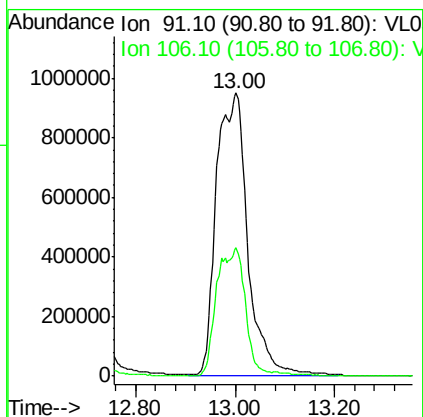
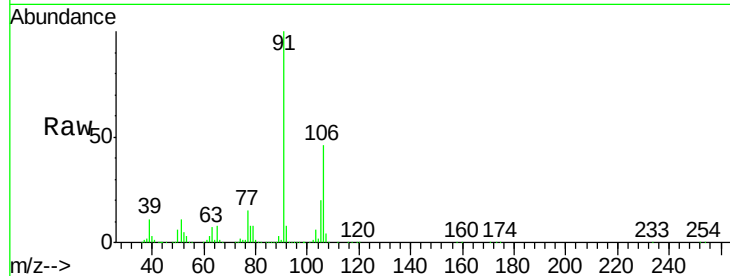


#59
m/p-Xylene
Concen: 19.018 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 29 Dec 2021 15:14

Tgt Ion:
Ion Ratio
91 100
106 42.

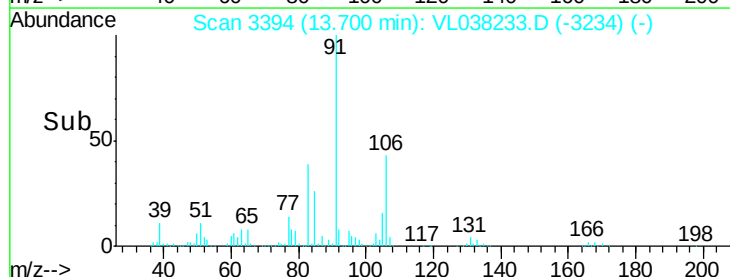
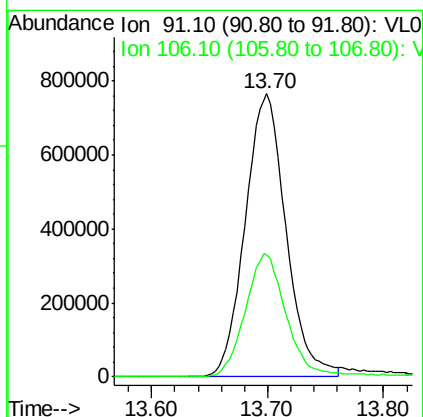
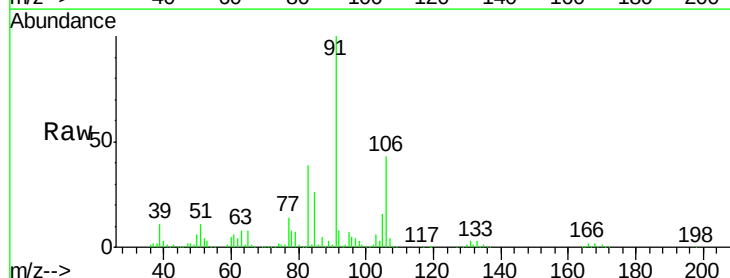
Manual Integrations
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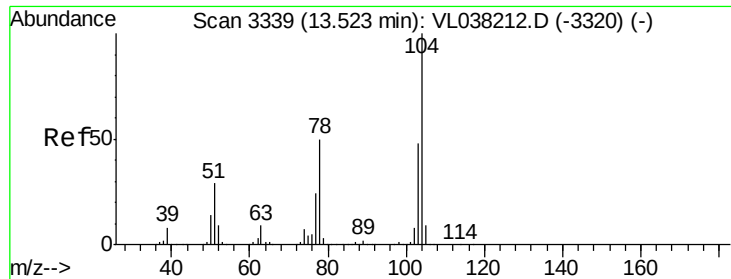
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#60
o-Xylene
Concen: 9.165 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.02 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion: 91 Resp: 1867717
Ion Ratio Lower Upper
91 100
106 44.9 23.5 70.5



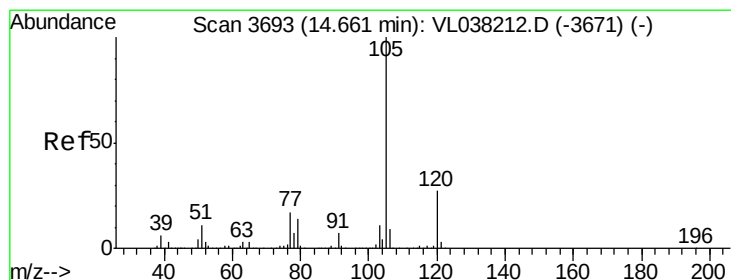
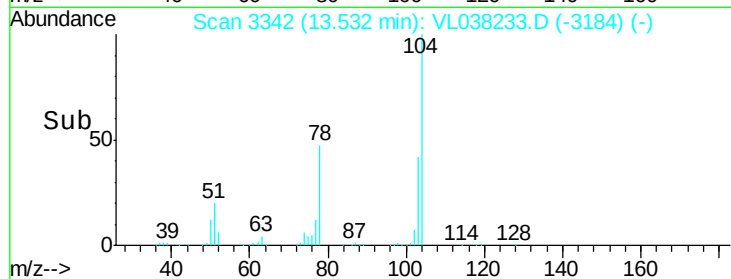
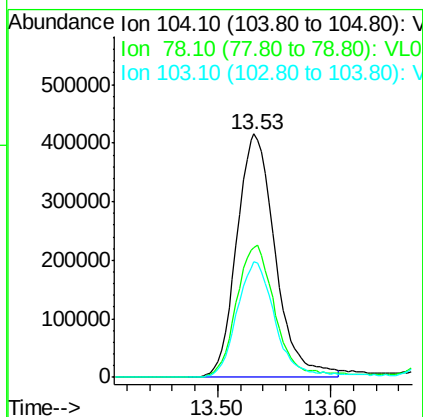
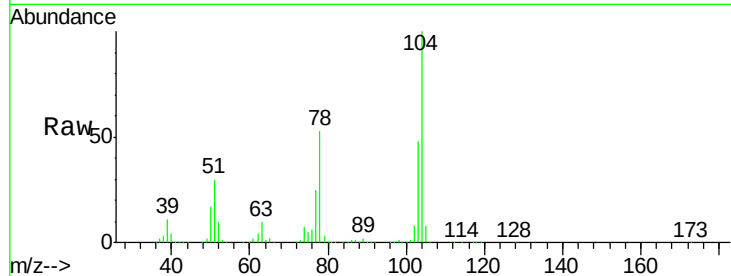


#61
Styrene
Concen: 9.556 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Dec 2021 15:14

Tgt Ion:1
Ion Ratio
104 100
78 55.
103 47.

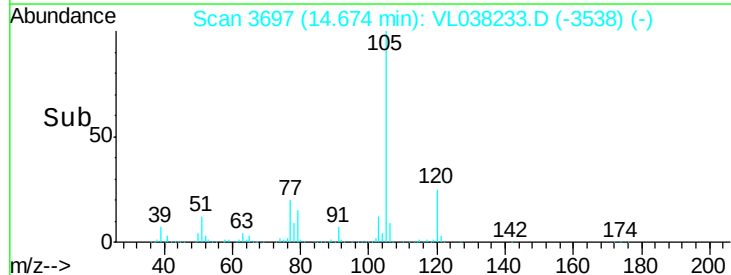
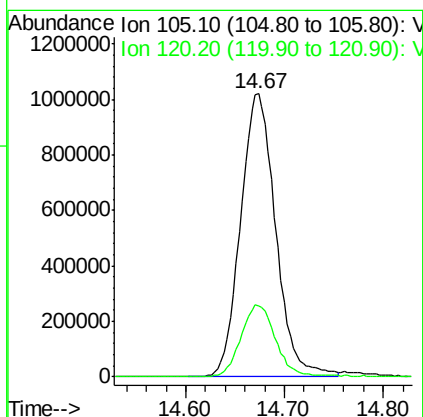
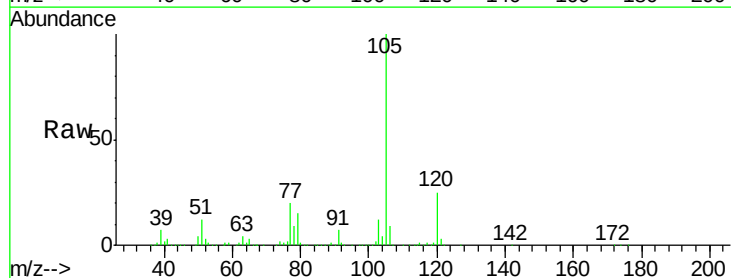
Manual Integrations
APPROVED

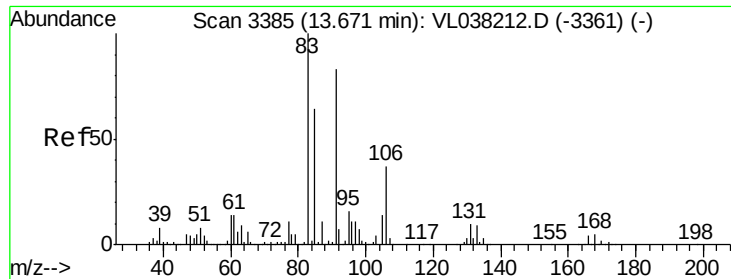
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#62
Isopropylbenzene
Concen: 8.800 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion:105 Resp: 2517569
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6



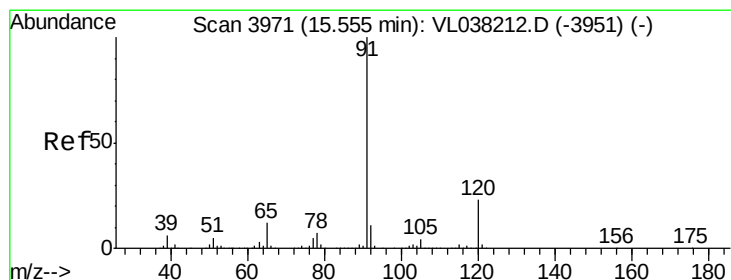
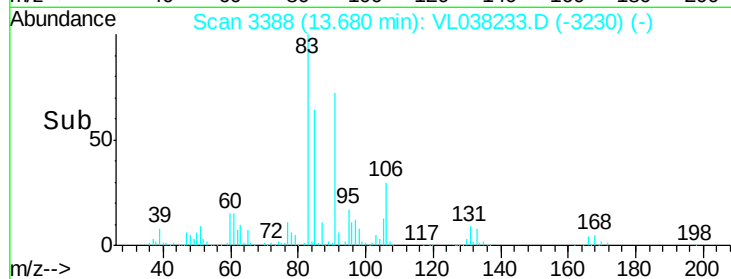
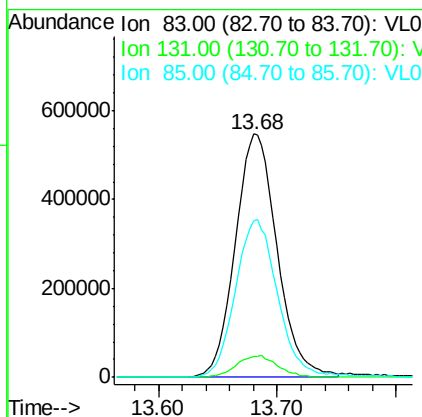
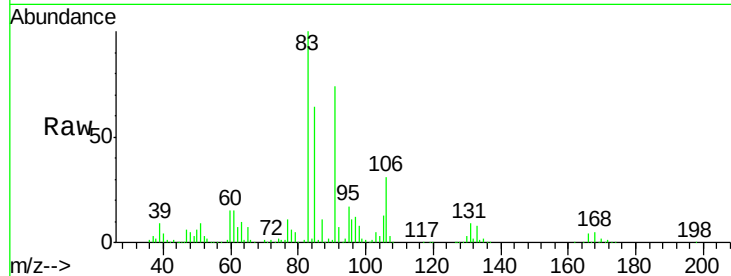


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.443 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL1229ABS01
 Acq: 29 Dec 2021 15:14

Manual Integrations
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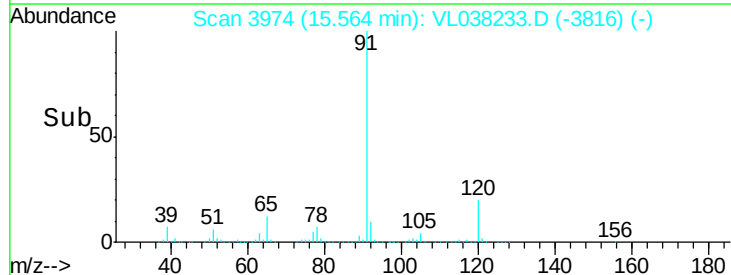
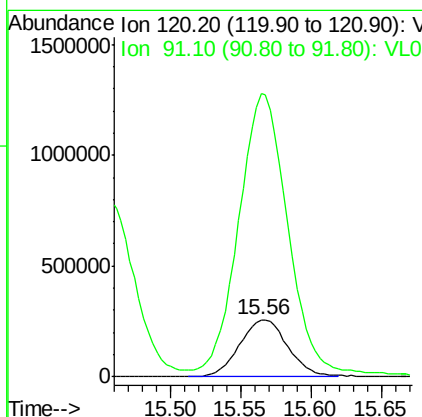
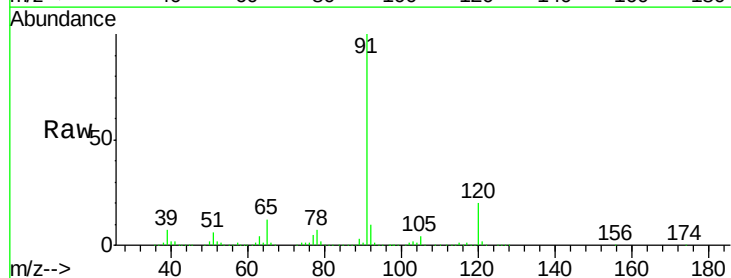
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

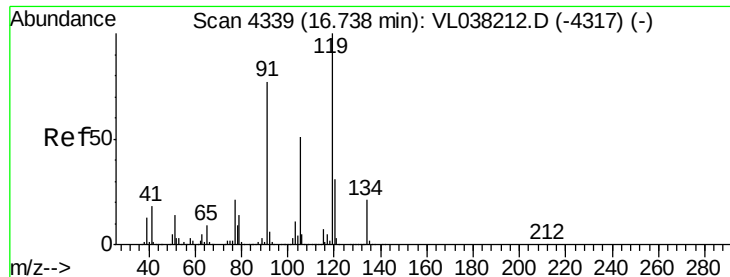
Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.



#64
 n-propylbenzene
 Concen: 8.701 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion:120 Resp: 618897
 Ion Ratio Lower Upper
 120 100
 91 510.7 381.5 572.3



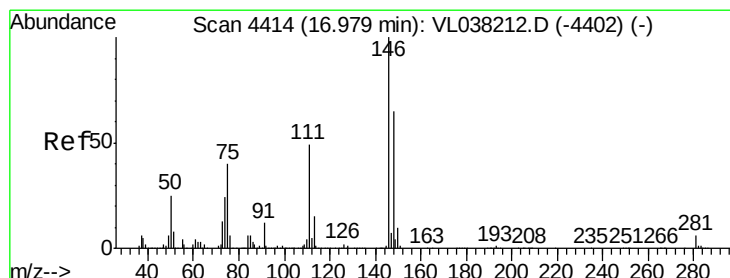
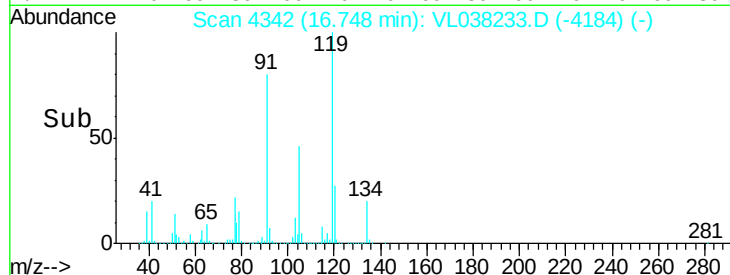
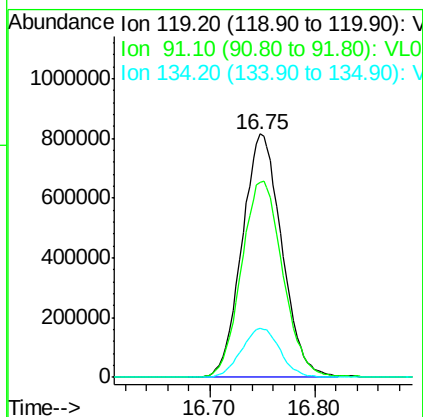
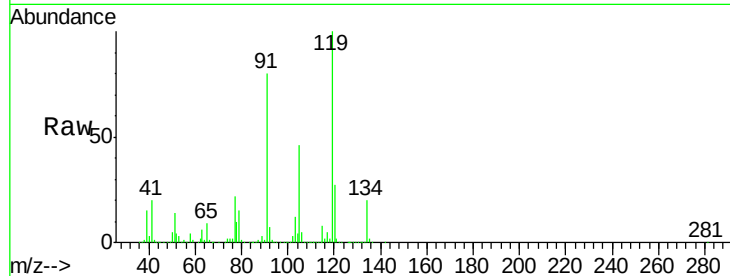


#65
 tert-Butylbenzene
 Concen: 8.468 ppbv
 RT: 16.75
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion: 1
 Ion Ratio
 119 100
 91 84.
 134 19.

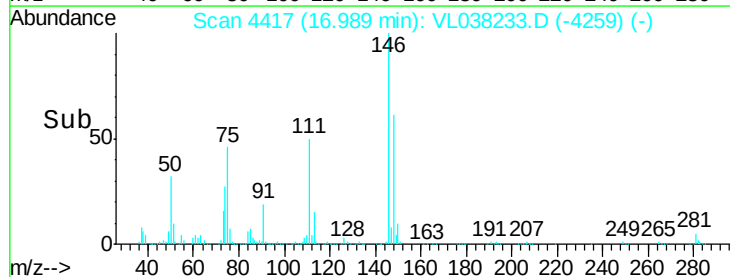
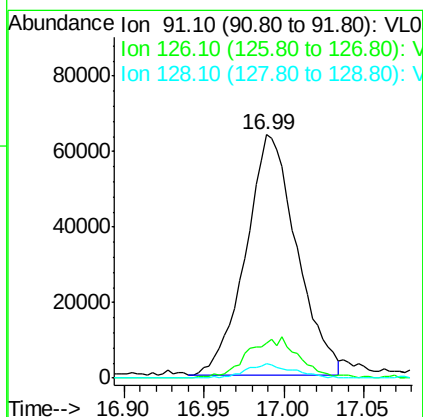
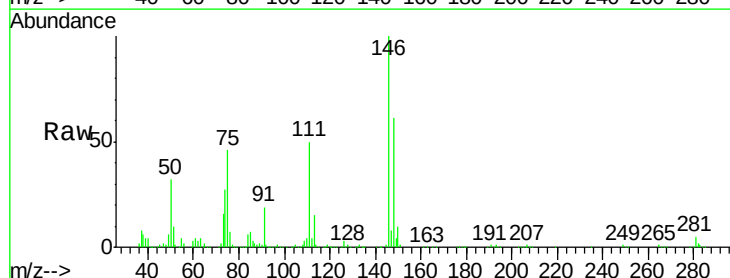
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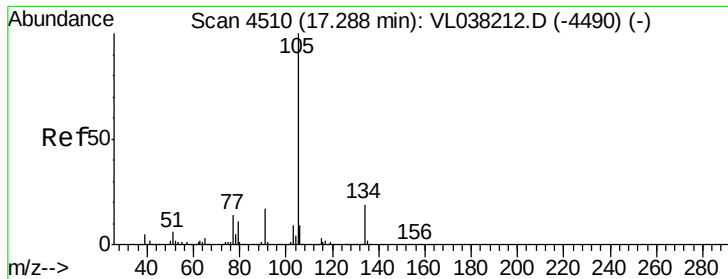
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#66
 Benzyl Chloride
 Concen: 14.844 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 91 Resp: 139320
 Ion Ratio Lower Upper
 91 100
 126 17.5 16.0 24.0
 128 5.7 5.0 7.6





#67

sec-Butylbenzene

Concen: 8.658 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Dec 2021 15:14

Tgt Ion:1

Ion Ratio

105 100

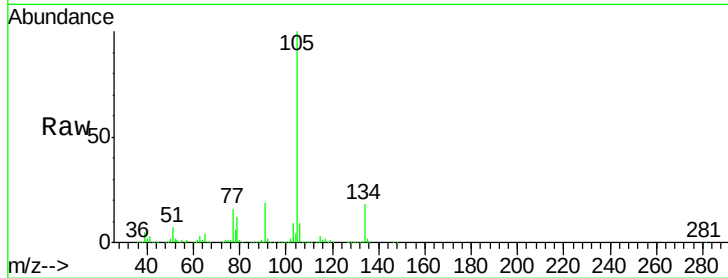
134 18.

Manual Integrations

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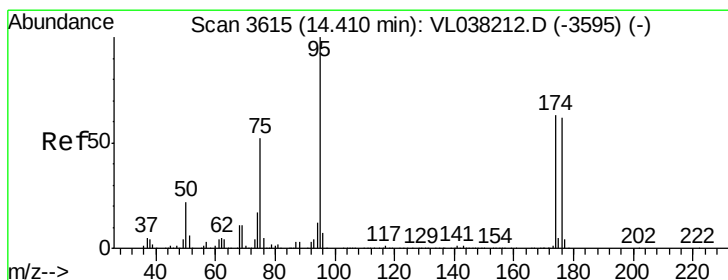
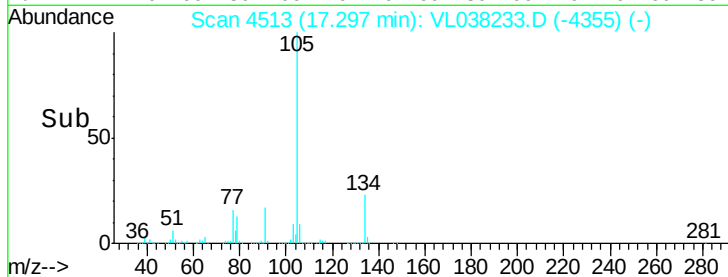
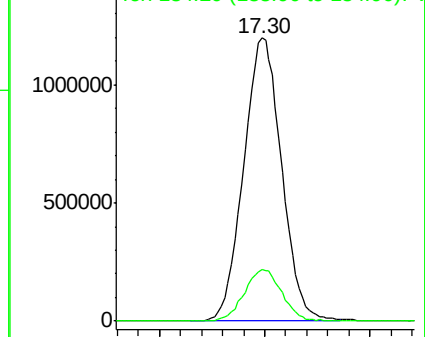
Reviewed By :Amit Patel 12/30/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.284 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL038233.D

Acq: 29 Dec 2021 15:14

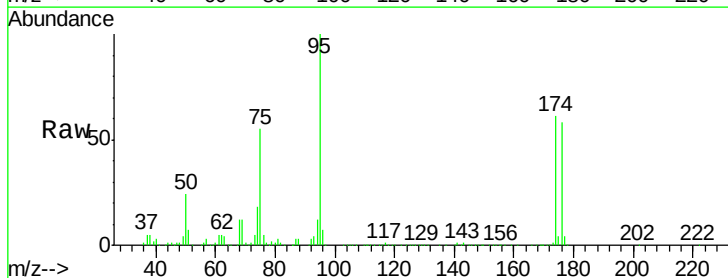
Tgt Ion: 95 Resp: 1440608

Ion Ratio Lower Upper

95 100

174 62.1 54.6 81.8

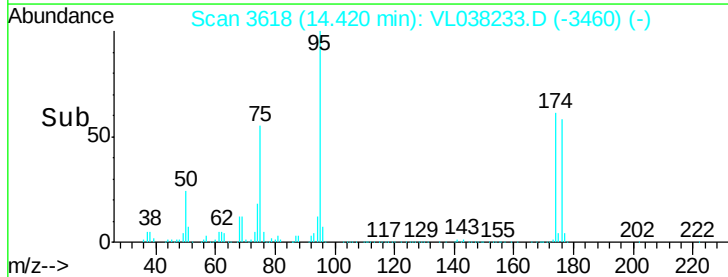
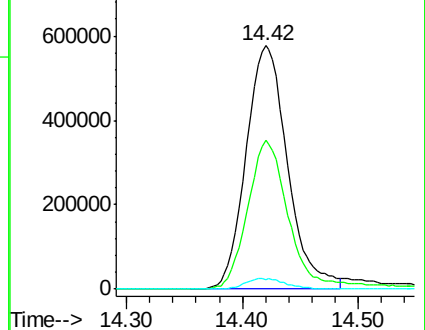
175 4.4 4.1 6.1

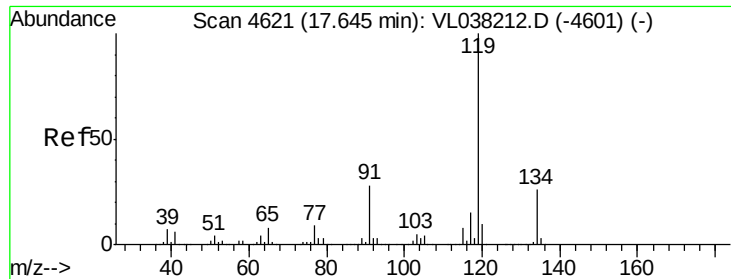


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



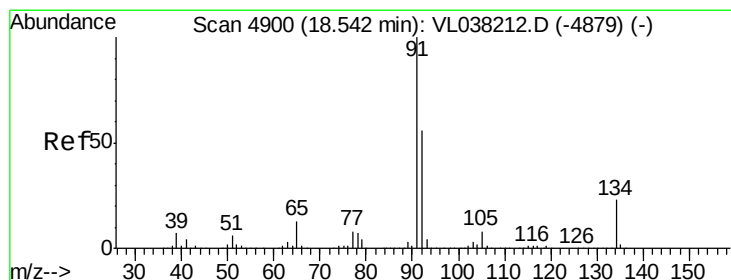
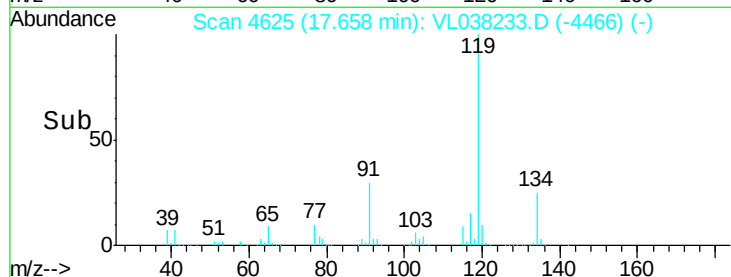
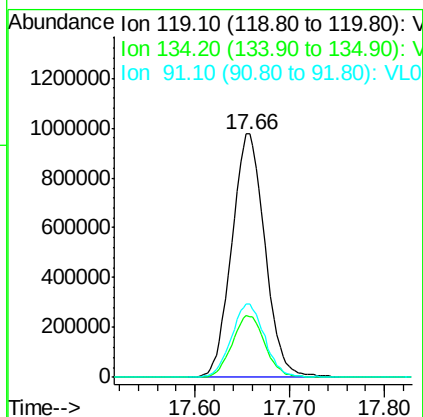
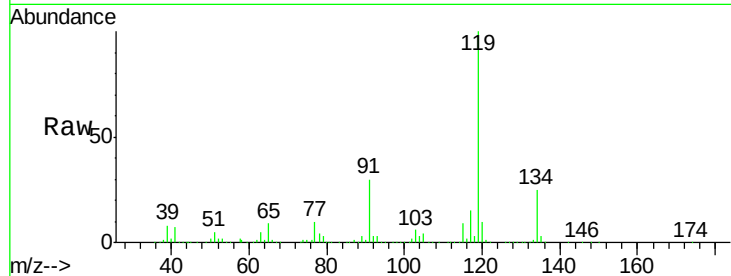


#69
 p-Isopropyltoluene
 Concen: 8.547 ppbv
 RT: 17.66 min
 Delta R.T.: 0.01 min
 Lab File: VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 25
 91 30

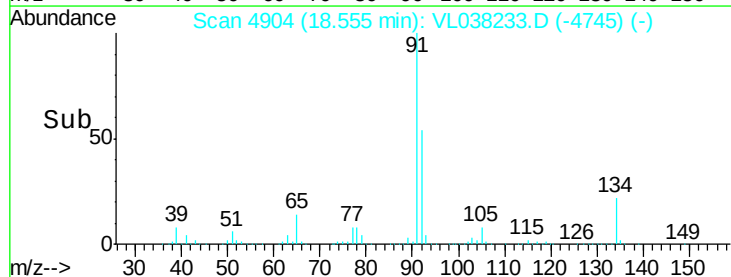
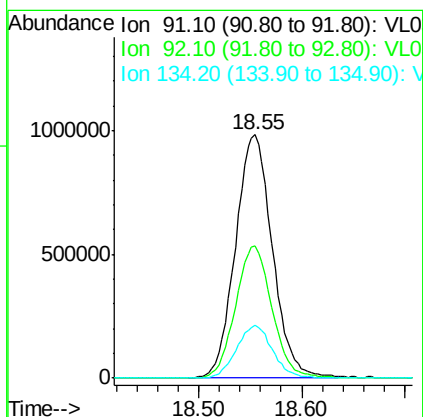
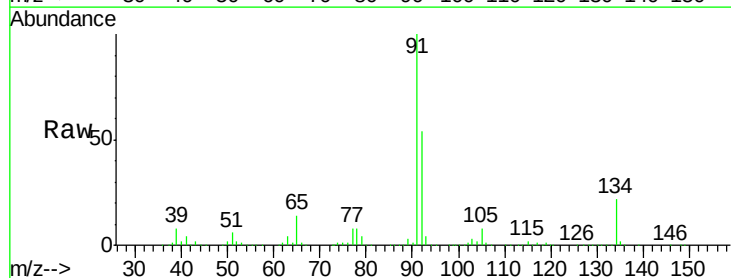
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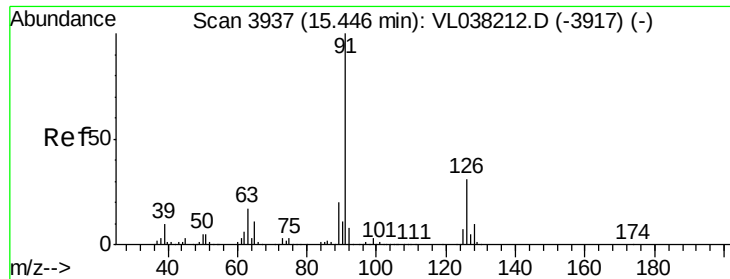
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#70
 n-Butylbenzene
 Concen: 9.247 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 91 Resp: 2446841
 Ion Ratio Lower Upper
 91 100
 92 54.0 44.0 66.0
 134 21.3 18.5 27.7



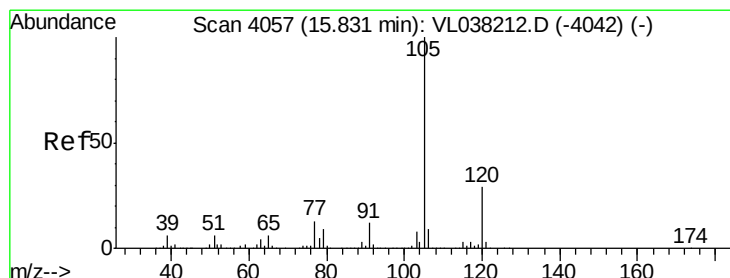
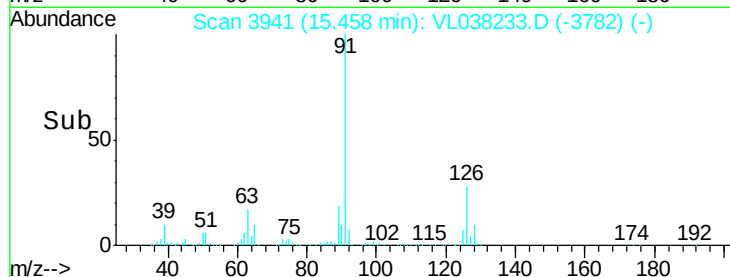
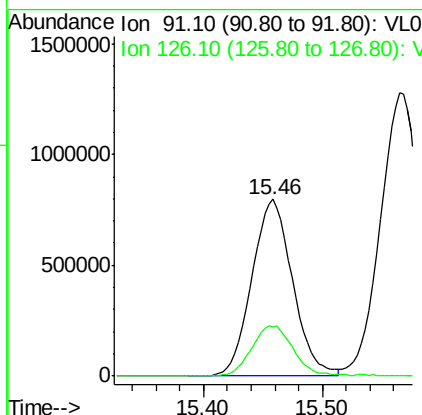
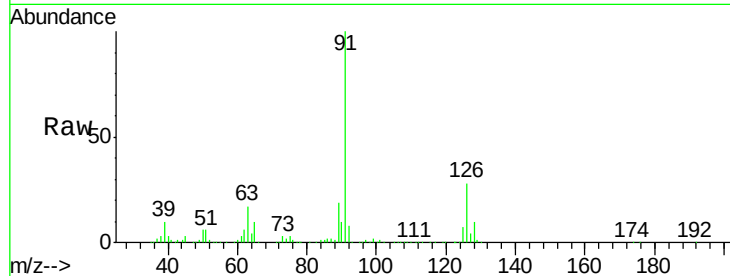


#71
 2-Chlorotoluene
 Concen: 8.887 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:
 Ion Ratio
 91 100
 126 30.

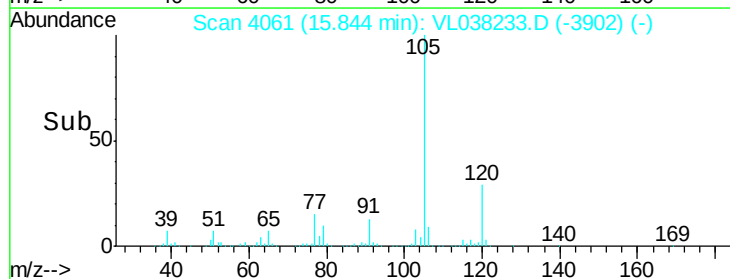
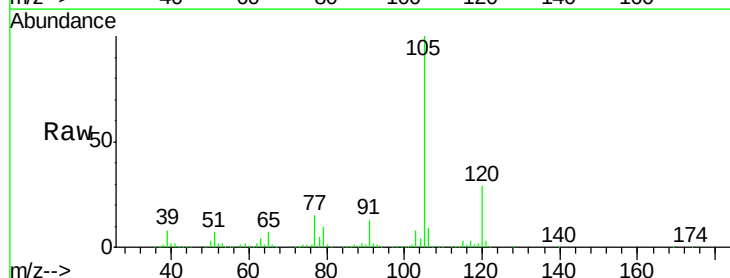
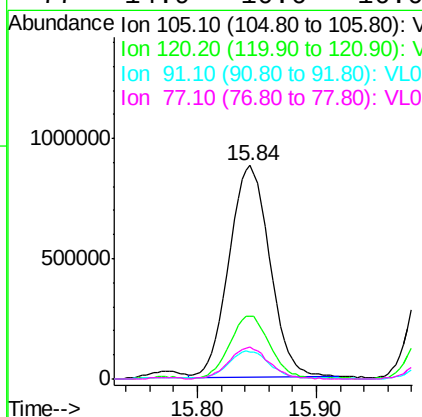
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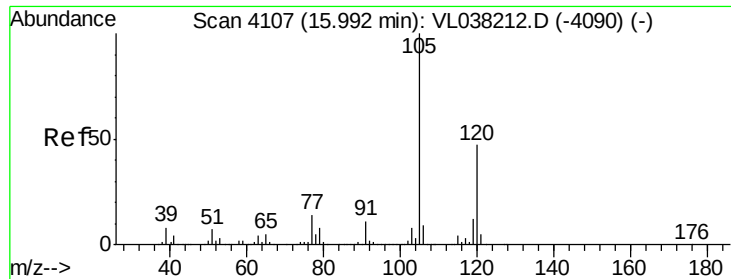
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#72
 4-Ethyltoluene
 Concen: 8.907 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion:105 Resp: 2090261
 Ion Ratio Lower Upper
 105 100
 120 29.8 24.3 36.5
 91 12.9 9.8 14.6
 77 14.9 10.6 16.0



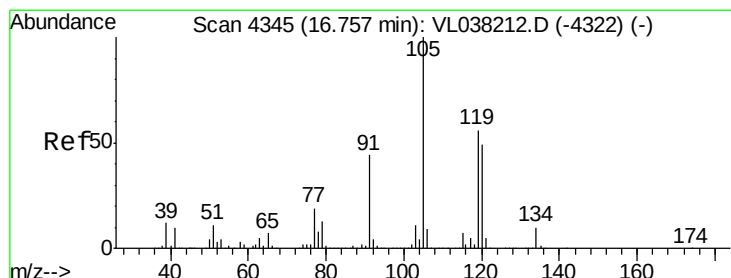
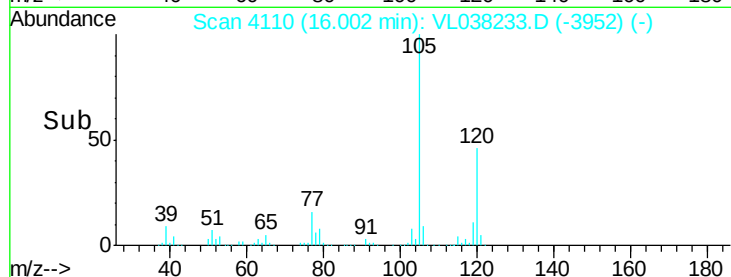
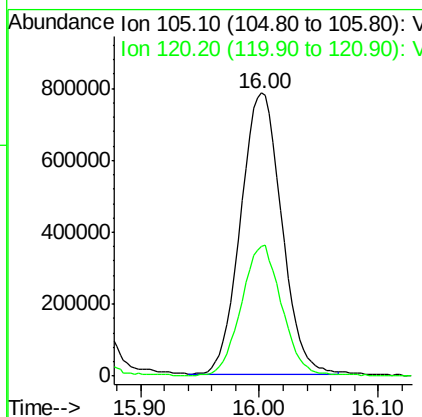
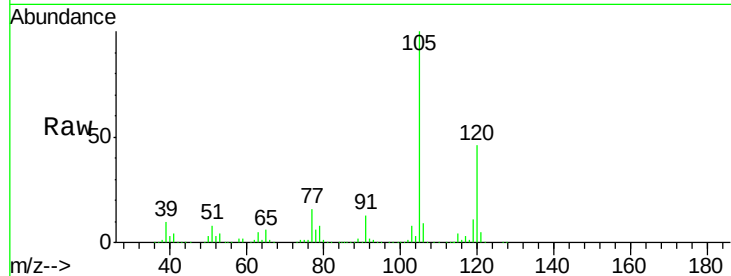


#73
 1,3,5-Trimethylbenzene
 Concen: 8.867 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion: 105
 Ion Ratio: 100
 120 45.

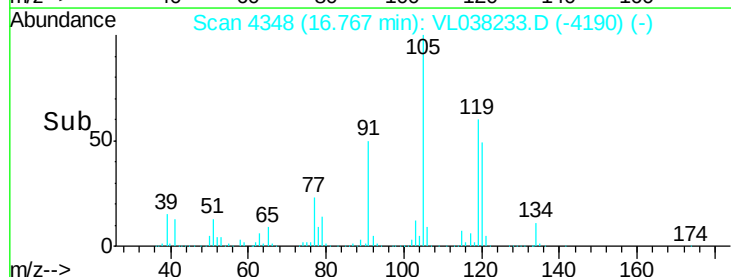
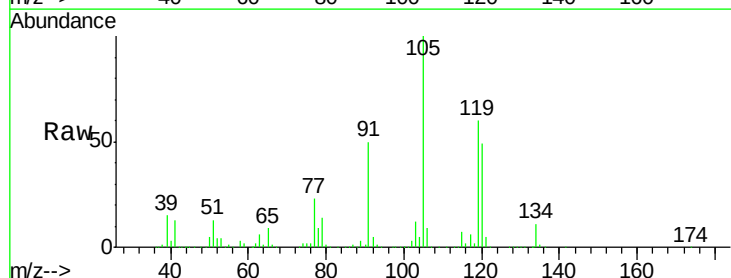
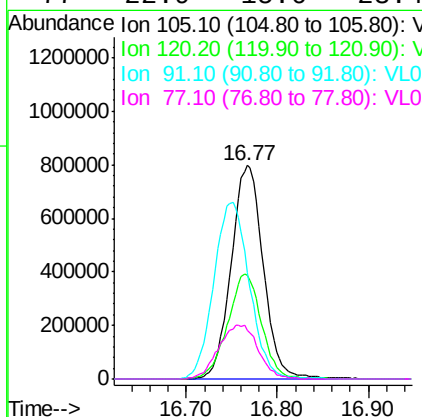
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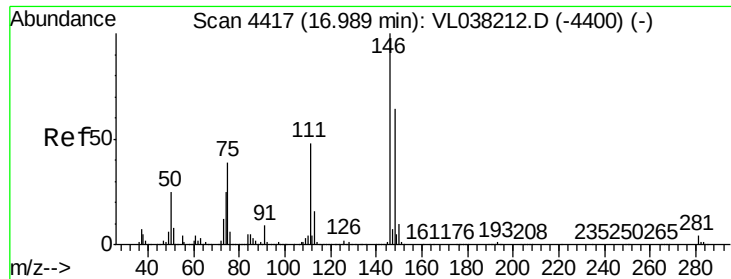
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 8.810 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion: 105 Resp: 1943141
 Ion Ratio Lower Upper
 105 100
 120 48.4 39.4 59.2
 91 49.8 35.0 52.4
 77 22.9 15.6 23.4



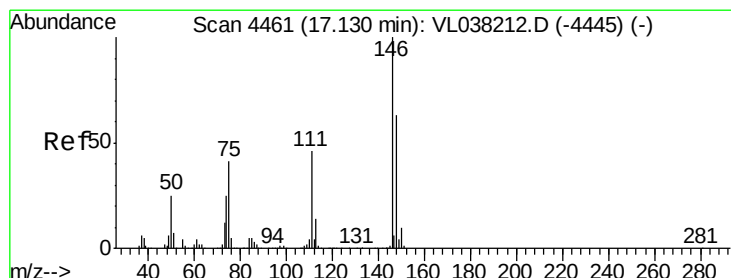
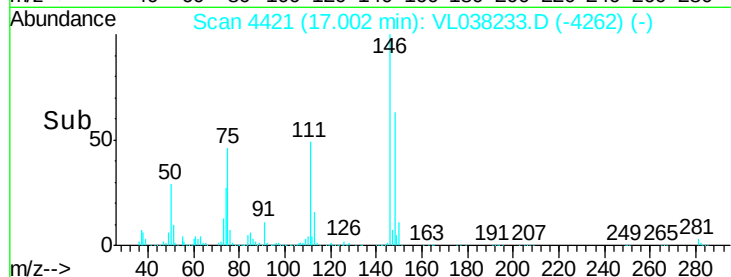
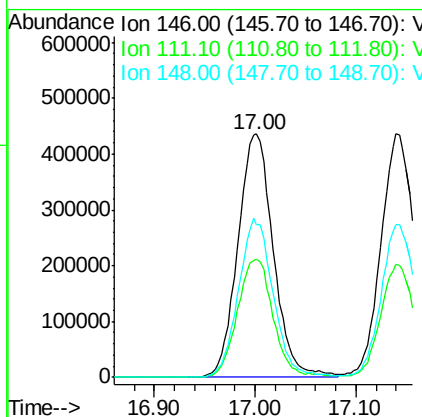
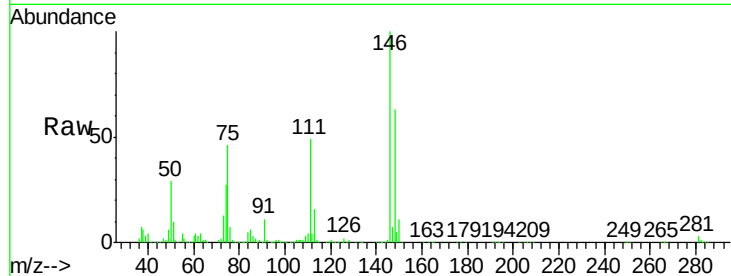


#75
 1,3-Dichlorobenzene
 Concen: 8.910 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:1
 Ion Rati
 146 100
 111 49.
 148 63.

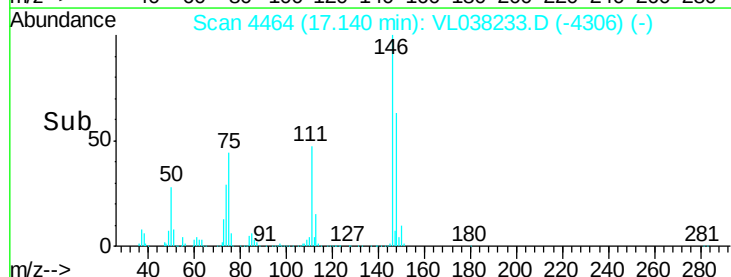
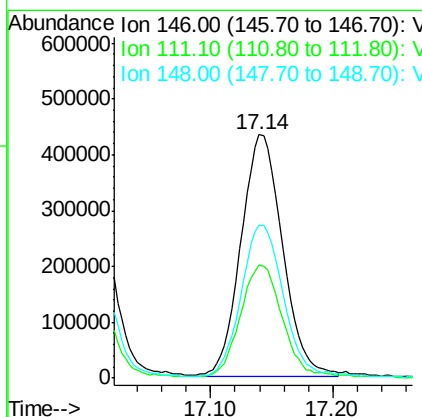
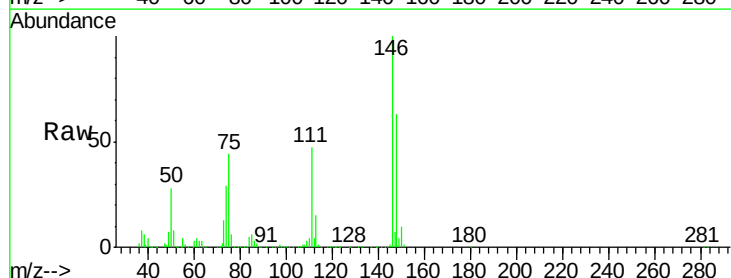
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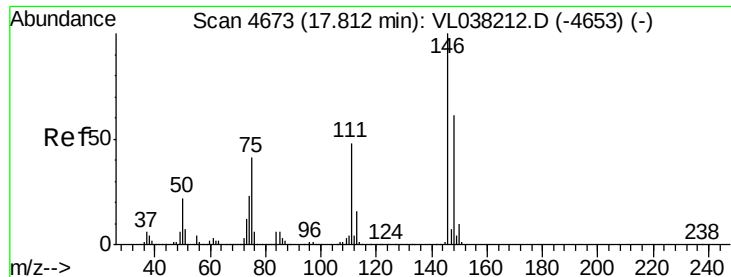
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#76
 1,4-Dichlorobenzene
 Concen: 8.679 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.01 min
 Lab File: VL038233.D
 Acq: 29 Dec 2021 15:14

Tgt Ion:146 Resp: 1025935
 Ion Ratio Lower Upper
 146 100
 111 48.1 23.6 71.0
 148 65.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 8.729 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File:

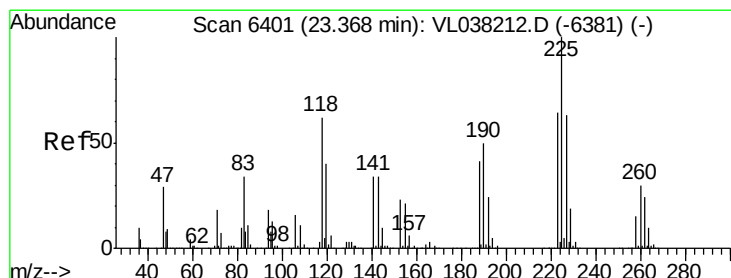
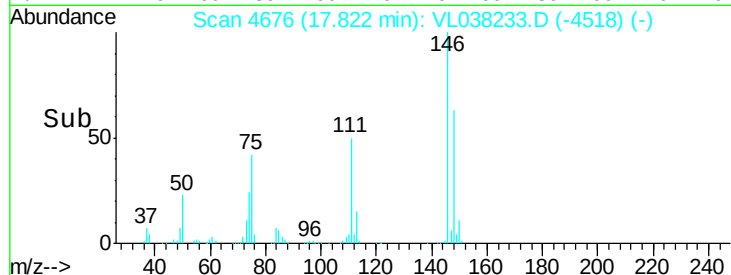
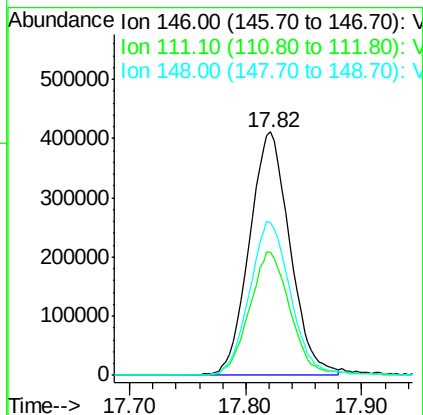
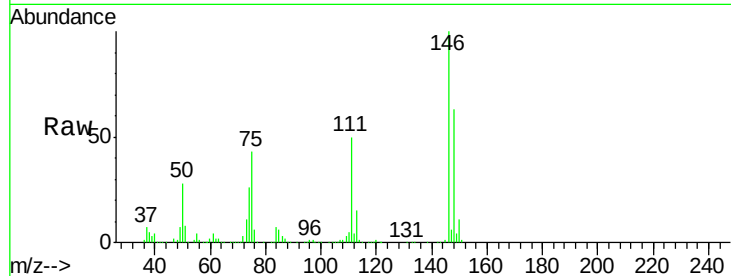
Acq: 29 Dec 2021 15:14

Instrument :
ClientSampleId :
VL1229ABS01

Tgt Ion:1
Ion Rati
146 100
111 51.
148 64.

Manual Integrations
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Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.657 ppbv

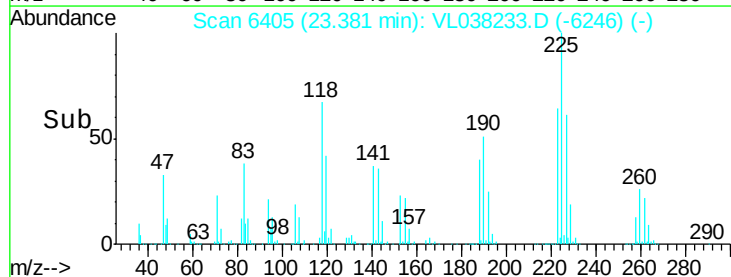
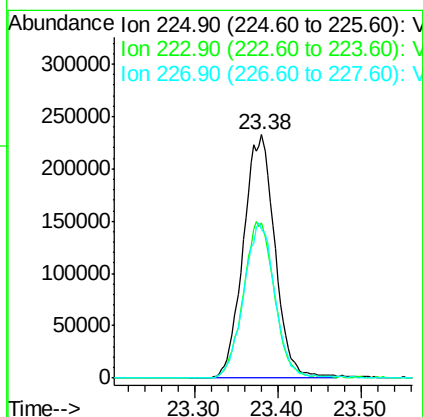
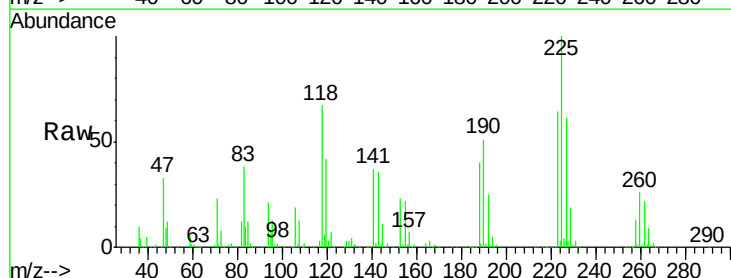
RT: 23.38 min Scan# 6405

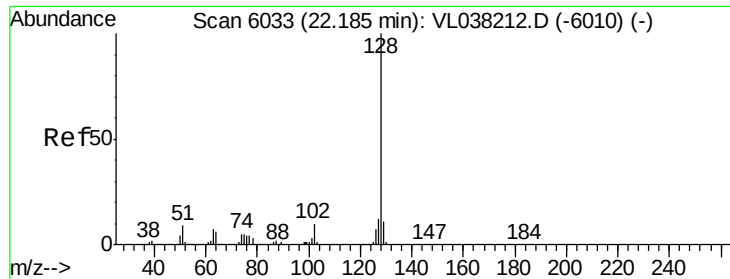
Delta R.T. 0.01 min

Lab File: VL038233.D

Acq: 29 Dec 2021 15:14

Tgt Ion:225 Resp: 609342
Ion Ratio Lower Upper
225 100
223 63.9 51.5 77.3
227 63.2 51.9 77.9



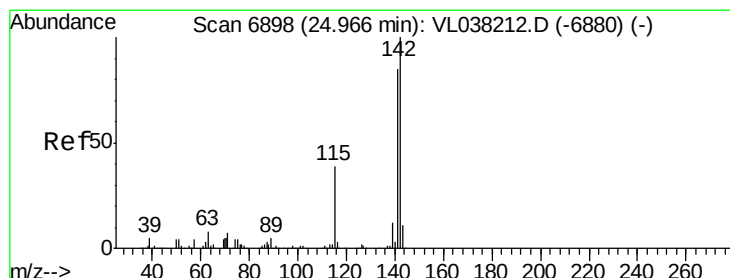
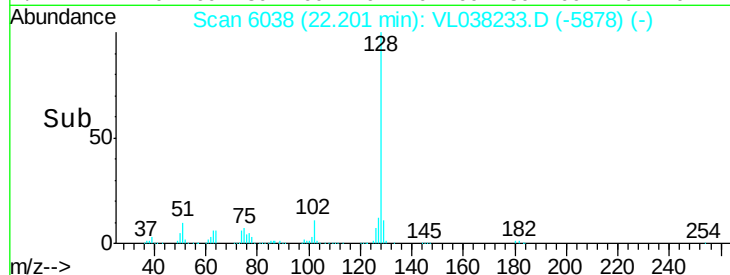
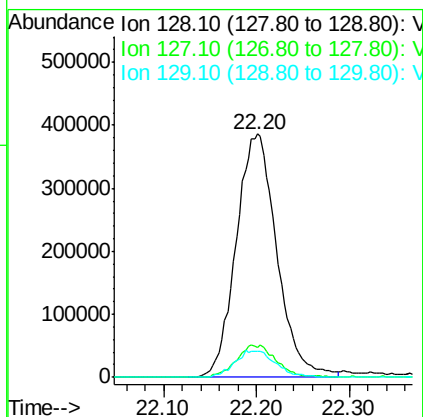
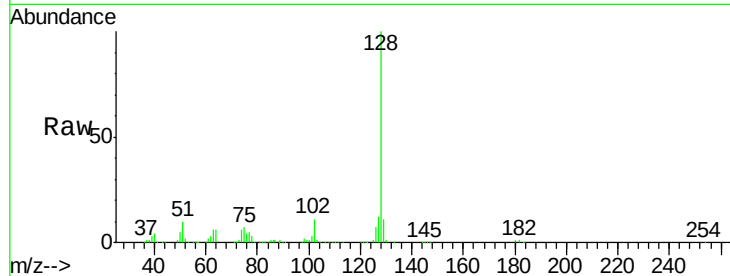


#79
Naphthalene
Concen: 10.295 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Dec 2021 15:14

Tgt Ion:1
Ion Ratio
128 100
127 12.
129 10.

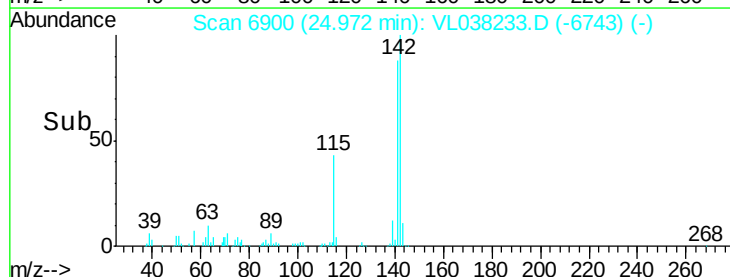
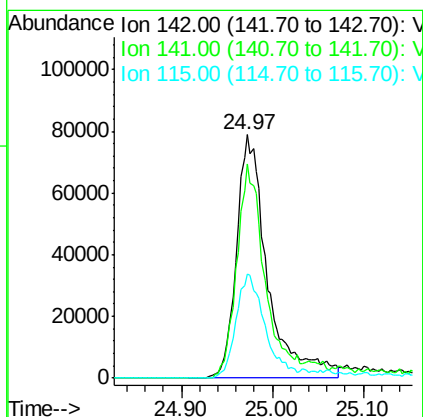
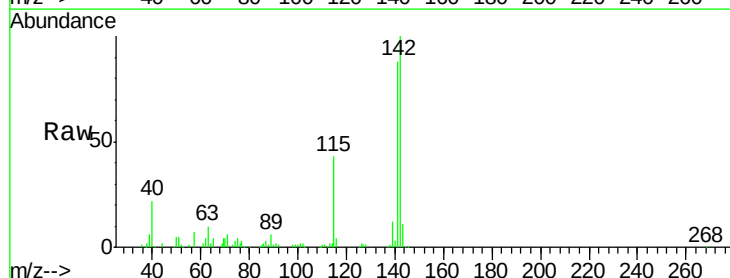
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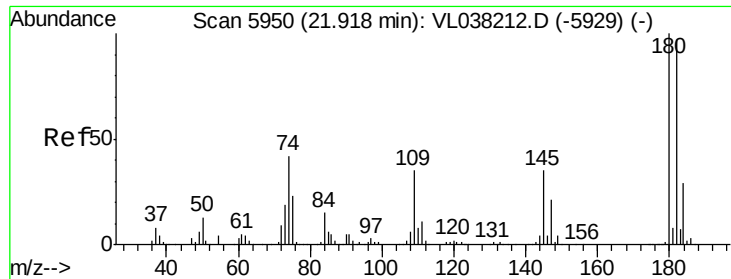
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#80
Naphthalene, 2-methyl-
Concen: 8.243 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038233.D
Acq: 29 Dec 2021 15:14

Tgt Ion:142 Resp: 186342
Ion Ratio Lower Upper
142 100
141 88.7 66.7 100.1
115 44.0 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.532 ppbv
 RT: 21.93
 Delta R.T.
 Lab File: ClientSampleId :
 VL1229ABS01
 Acq: 29 Dec 2021 15:14

Tgt Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
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Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

