

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038218.D
 Acq On : 21 Dec 2021 17:08
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 21 17:38:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:11:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	749888	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2272816	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2021093	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1599192	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	1733300	12.880	ppbv	98
3) Chlorodifluoromethane	3.00	51	2002546	12.604	ppbv	99
4) Chloromethane	3.15	50	705366	12.734	ppbv	99
5) Vinyl Chloride	3.27	62	717728	13.001	ppbv	100
6) Bromomethane	3.48	94	411808	14.748	ppbv	93
7) Chloroethane	3.57	64	247357	13.252	ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	1714019	12.987	ppbv	97
9) Propene	3.02	41	672799	12.007	ppbv	98
10) Heptane	8.13	43	1735985	12.326	ppbv	100
11) Trichlorofluoromethane	3.96	101	1719767	13.450	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1257900	13.119	ppbv	99
13) Ethanol	3.62	45	70747	6.018	ppbv #	100
14) Bromoethene	3.75	108	543447	13.960	ppbv	98
15) Acetone	3.86	43	884613	11.820	ppbv	95
16) 1,3-Butadiene	3.34	39	691163	13.413	ppbv	99
17) tert-Butyl alcohol	4.30	59	960415	11.502	ppbv	100
18) 1,1-Dichloroethene	4.30	96	574356	13.625	ppbv	96
19) Isopropyl Alcohol	3.98	45	538270	11.380	ppbv #	39
20) Methylene Chloride	4.35	84	464304	11.036	ppbv	95
21) Allyl Chloride	4.42	41	860919	13.660	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	618059	14.399	ppbv	97
23) Vinyl Acetate	5.08	43	1433433	14.215	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1182359	13.223	ppbv	100
25) Ethyl Acetate	5.68	43	2692112	13.076	ppbv	100
26) Hexane	5.69	57	1251469	12.068	ppbv	98
27) Carbon Disulfide	4.56	76	1367112	15.274	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1341890	13.286	ppbv	99
29) Chloroform	5.76	83	2005809	13.136	ppbv	97
30) Cyclohexane	7.14	84	1127727	12.224	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1289786	15.852	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	2042558	13.486	ppbv	99
34) 2-Butanone	5.25	43	947693	12.967	ppbv	100
35) Carbon Tetrachloride	7.02	117	2063965	14.619	ppbv	99
36) Benzene	6.90	78	2777404	12.963	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1531057	14.382	ppbv	99
38) Trichloroethene	7.84	130	1010369	12.448	ppbv	99
39) 1,2-Dichloropropane	7.62	63	1076488	13.016	ppbv	98
40) 1,4-Dioxane	7.84	88	259719	11.015	ppbv	93
41) Tetrahydrofuran	6.05	42	704986	13.869	ppbv	100
42) Bromodichloromethane	7.80	83	2203992	14.513	ppbv	99
43) Methyl Methacrylate	8.02	69	1030103	13.933	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038218.D
 Acq On : 21 Dec 2021 17:08
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 21 17:38:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:11:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4382864	12.062	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	935149	17.020	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1168954	15.422	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1100669	12.853	ppbv	98
48) Dibromochloromethane	10.31	129	1778319	14.696	ppbv	98
49) Bromoform	13.05	173	1324496	15.514	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1827254	14.546	ppbv	99
51) 2-Hexanone	10.14	43	850534	14.076	ppbv #	98
52) Tetrachloroethene	11.23	164	921199	11.701	ppbv	94
53) Toluene	9.81	91	3115528	12.589	ppbv	98
54) 1,2-Dibromoethane	10.61	107	1627792	13.405	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1147143	13.623	ppbv	85
57) Chlorobenzene	12.15	112	2173650	12.412	ppbv	98
58) Ethyl Benzene	12.71	91	4037407	12.865	ppbv	99
59) m/p-Xylene	13.00	91	6806588m	25.529	ppbv	
60) o-Xylene	13.69	91	3089926	12.410	ppbv	99
61) Styrene	13.53	104	1750465	13.752	ppbv	97
62) Isopropylbenzene	14.67	105	4378440	12.514	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2221837	11.705	ppbv	100
64) n-propylbenzene	15.56	120	1155033	13.342	ppbv	94
65) tert-Butylbenzene	16.75	119	3710608	12.160	ppbv	99
66) Benzyl Chloride	16.99	91	213741	17.995	ppbv	97
67) sec-Butylbenzene	17.29	105	5235168	12.493	ppbv	100
69) p-Isopropyltoluene	17.65	119	4260386	12.634	ppbv	99
70) n-Butylbenzene	18.55	91	4178364	13.039	ppbv	100
71) 2-Chlorotoluene	15.46	91	3345160	13.044	ppbv	99
72) 4-Ethyltoluene	15.84	105	3836555	13.429	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3367743	13.176	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	3385990	12.696	ppbv	93
75) 1,3-Dichlorobenzene	17.00	146	1951582	13.539	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	1909688	13.300	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1819478	13.164	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	988765	11.559	ppbv	100
79) Naphthalene	22.19	128	2057335	14.805	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	369427	12.358	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	1053620	13.164	ppbv	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038218.D
 Acq On : 21 Dec 2021 17:08
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Quant Time: Dec 21 17:38:31 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121

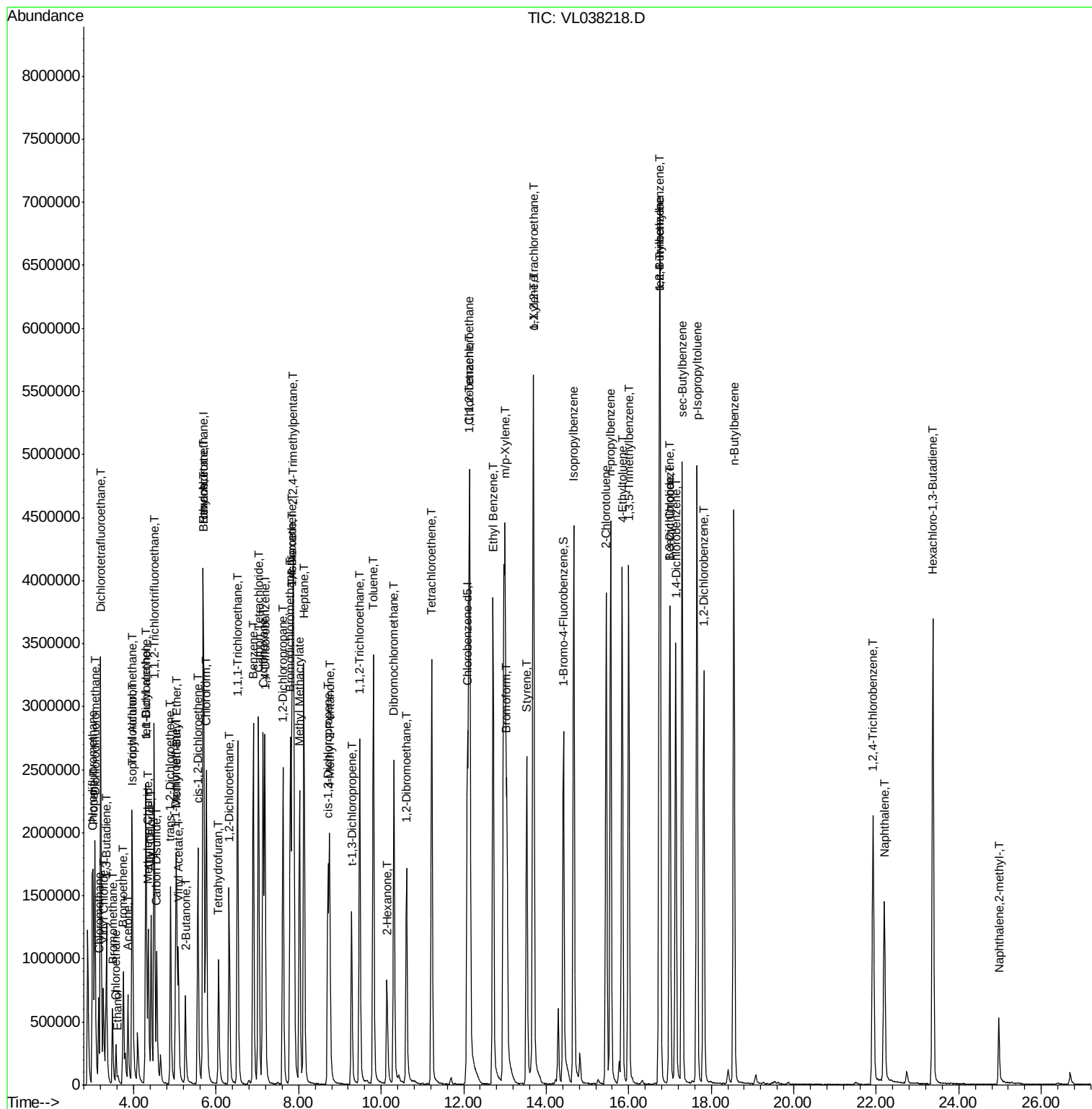
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

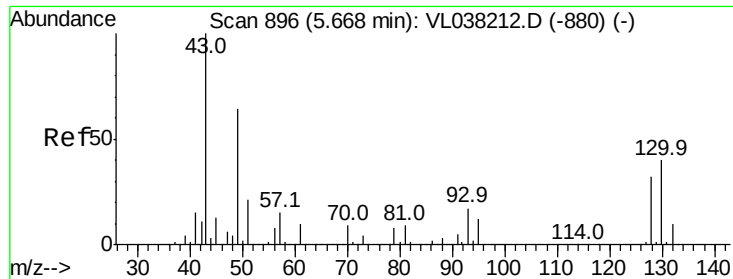
QLast Update : Tue Dec 21 17:11:06 2021

Response via : Initial Calibration

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

49 100

128 54.

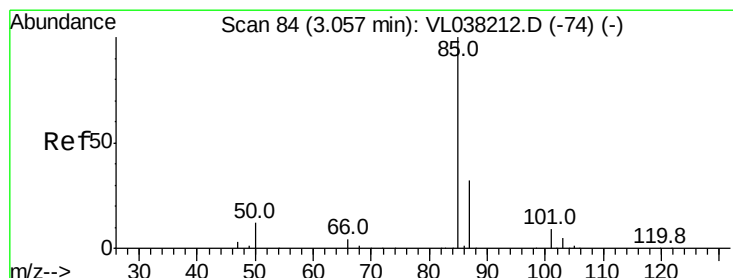
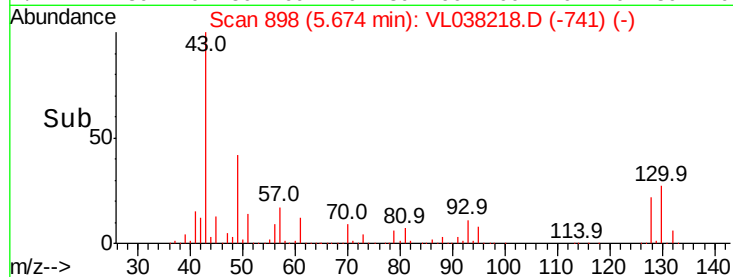
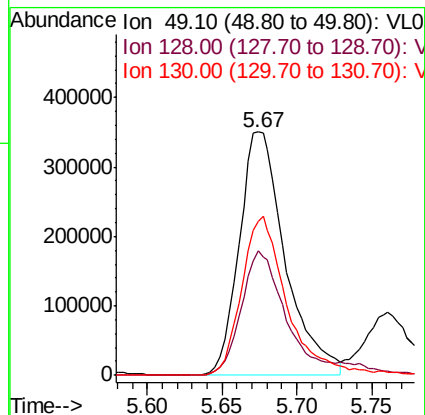
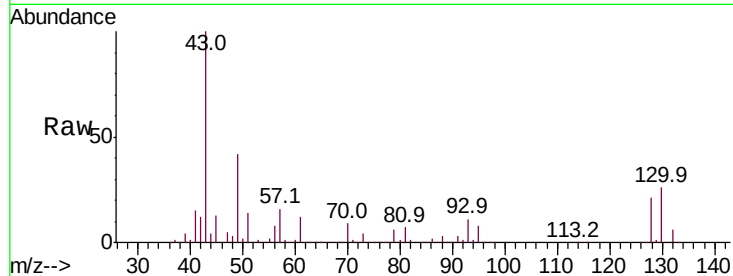
130 65.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#2

Dichlorodifluoromethane

Concen: 12.880 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038218.D

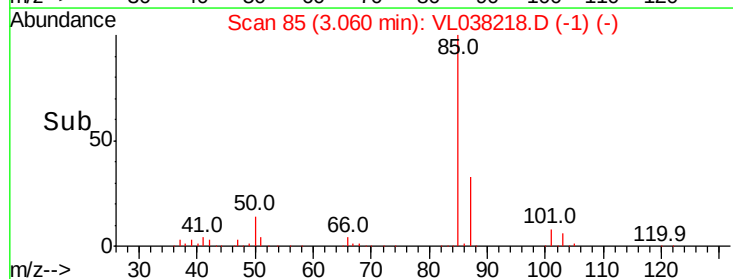
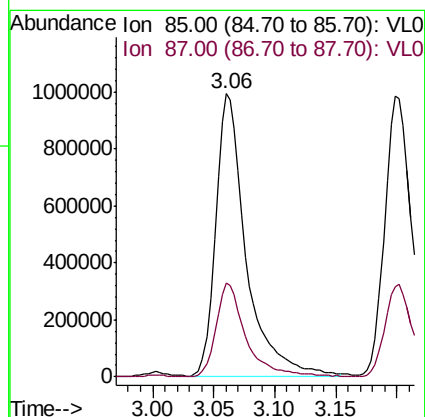
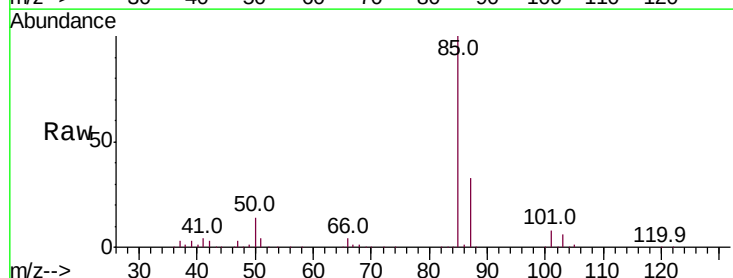
Acq: 21 Dec 2021 17:08

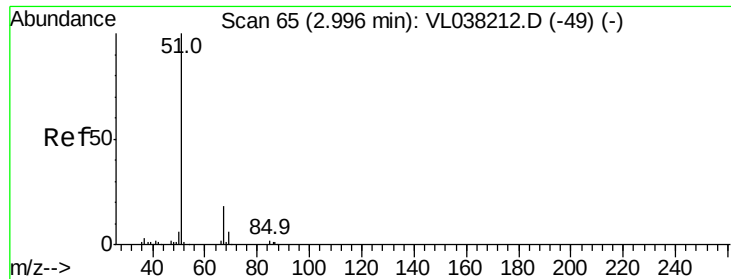
Tgt Ion: 85 Resp: 1733300

Ion Ratio Lower Upper

85 100

87 33.0 25.4 38.2





#3

Chlorodifluoromethane

Concen: 12.604 ppbv

RT: 3.00 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

51 100

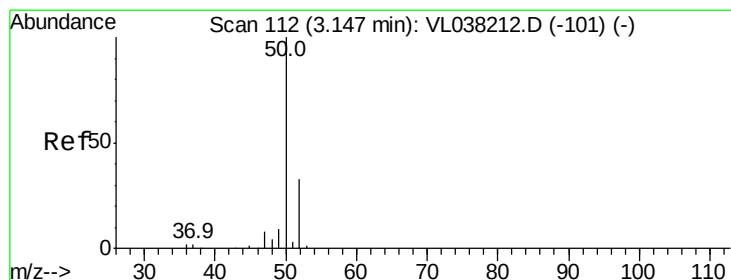
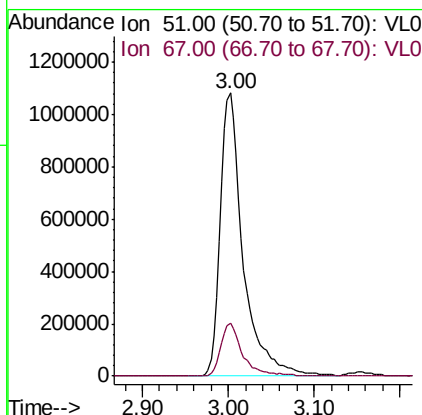
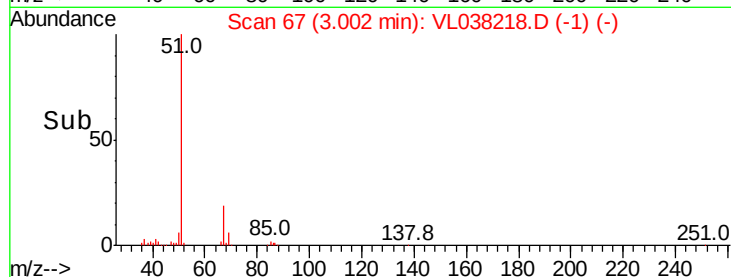
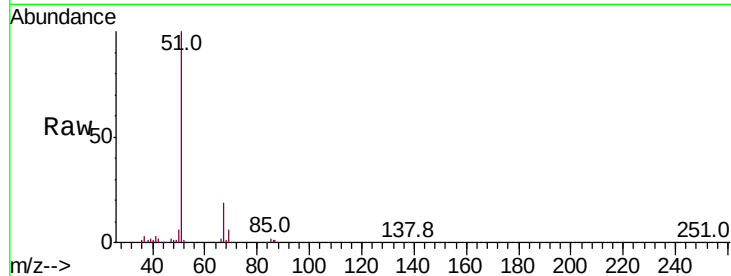
67 18.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#4

Chloromethane

Concen: 12.734 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038218.D

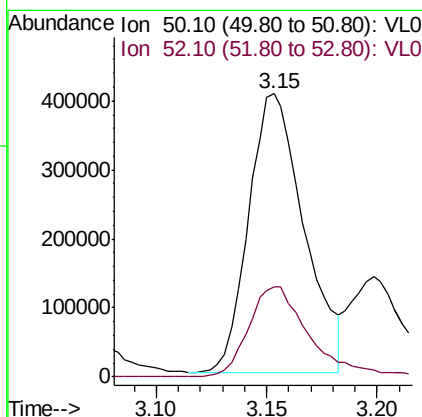
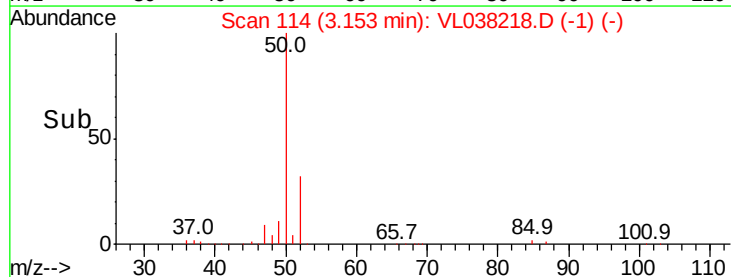
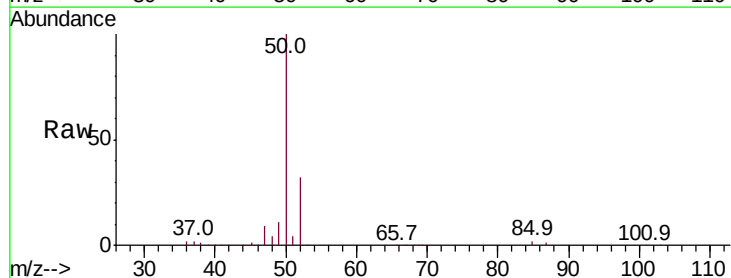
Acq: 21 Dec 2021 17:08

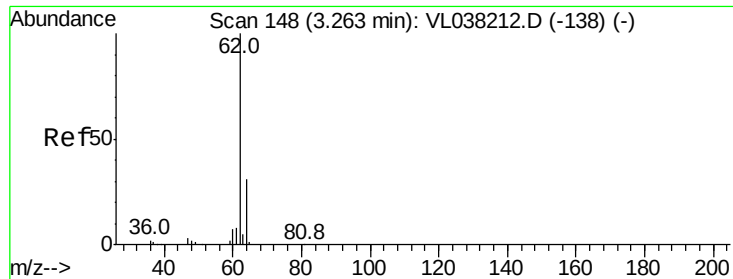
Tgt Ion: 50 Resp: 705366

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



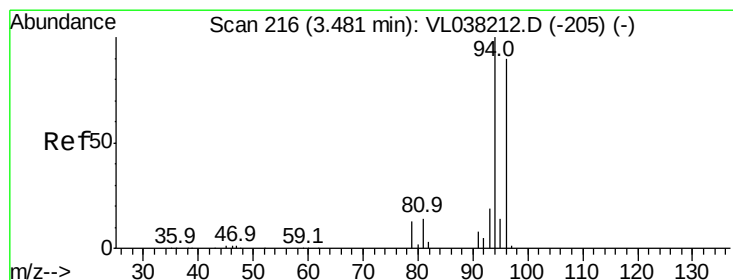
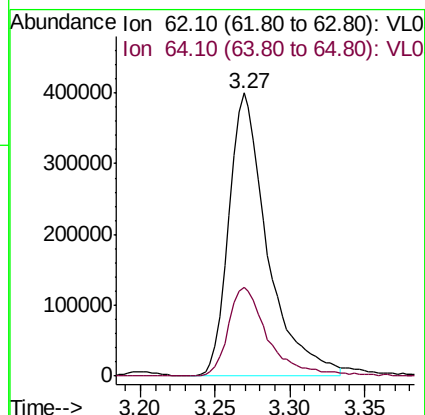
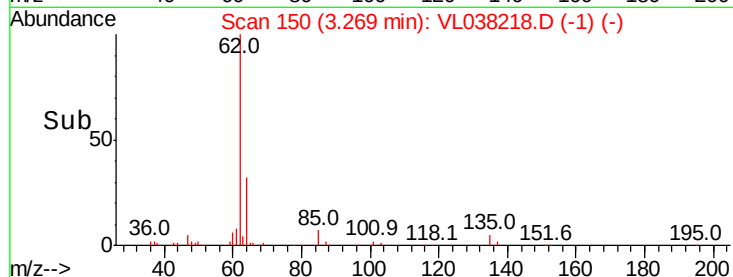
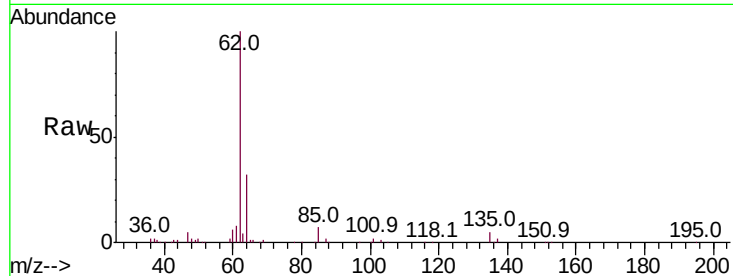


#5
Vinyl Chloride
Concen: 13.001 ppbv
RT: 3.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
62 100
64 31.

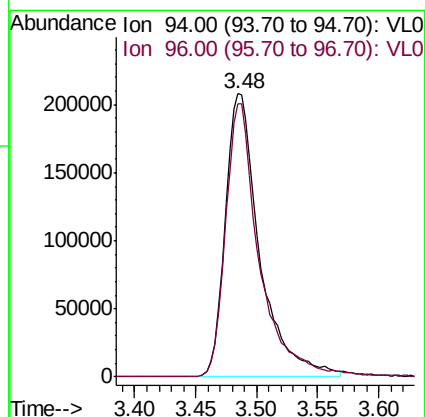
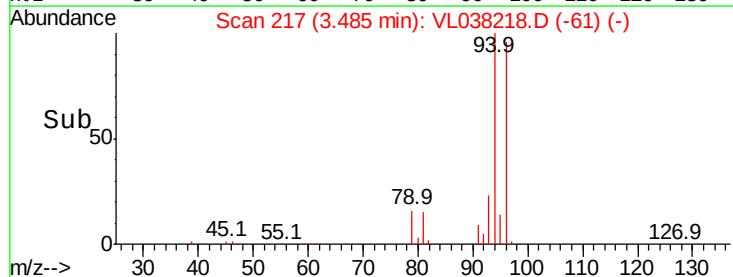
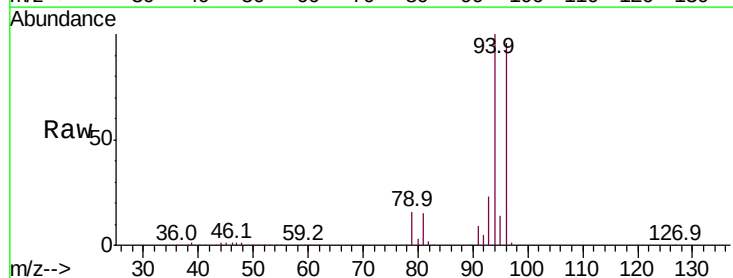
Manual Integrations
APPROVED

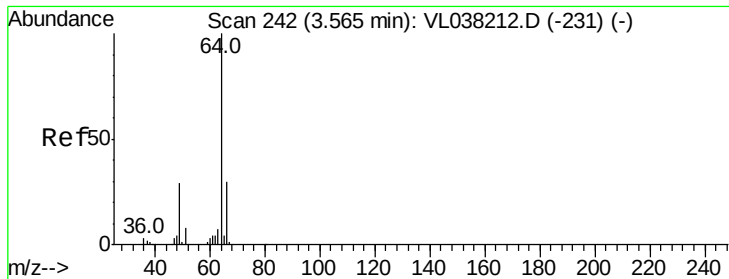
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#6
Bromomethane
Concen: 14.748 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.00 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 94 Resp: 411808
Ion Ratio Lower Upper
94 100
96 96.4 72.2 108.2





#7

Chloroethane

Concen: 13.252 ppbv

RT: 3.57 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

64 100

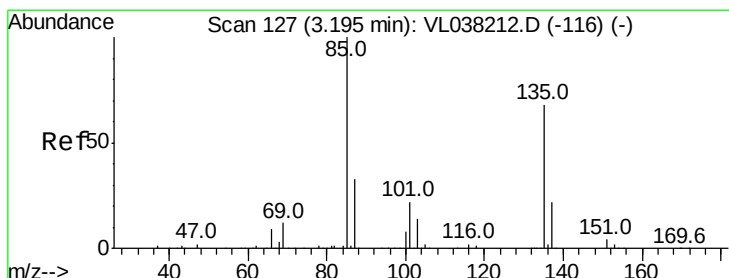
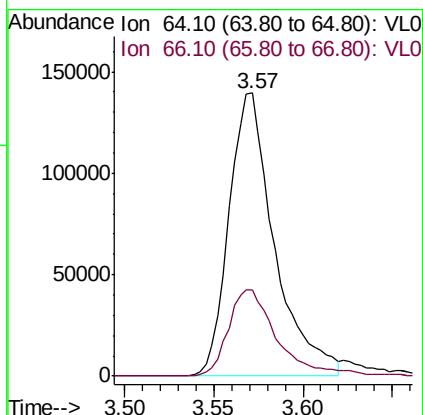
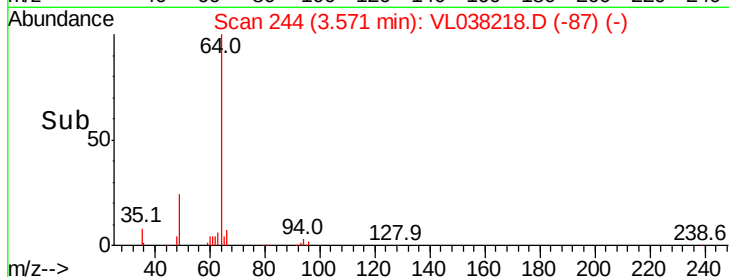
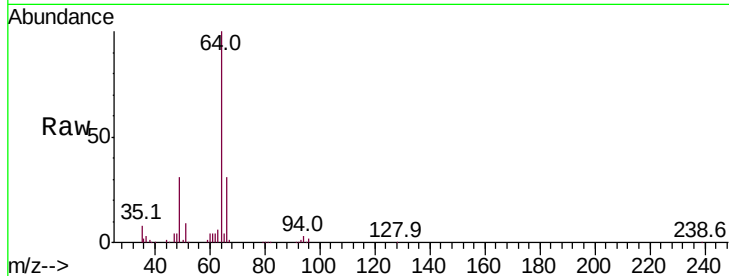
66 30.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 12.987 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.00 min

Lab File: VL038218.D

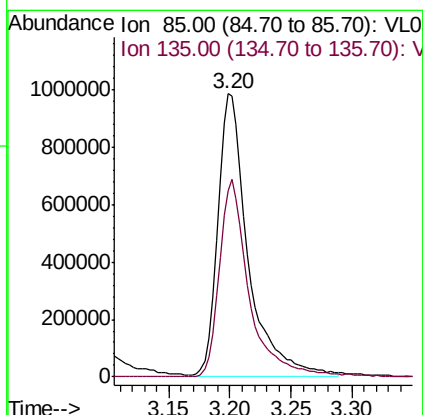
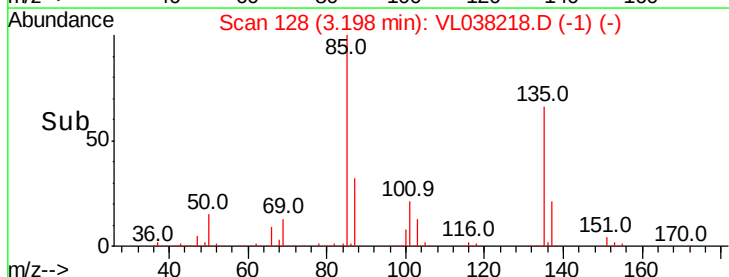
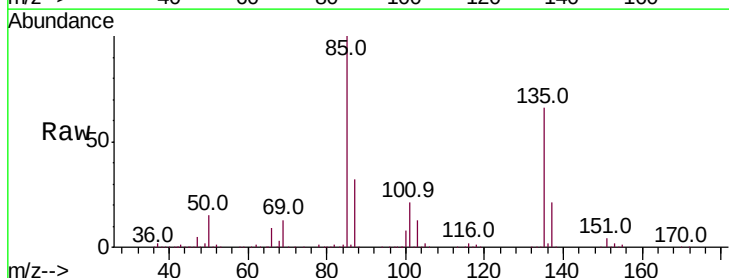
Acq: 21 Dec 2021 17:08

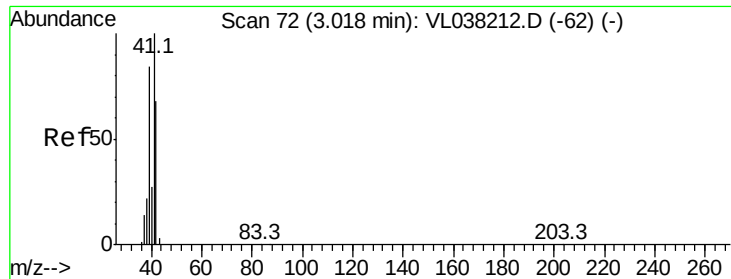
Tgt Ion: 85 Resp: 1714019

Ion Ratio Lower Upper

85 100

135 69.8 57.7 86.5





#9

Propene

Concen: 12.007 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

41 100

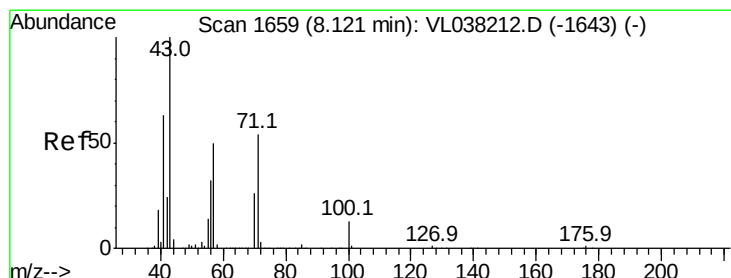
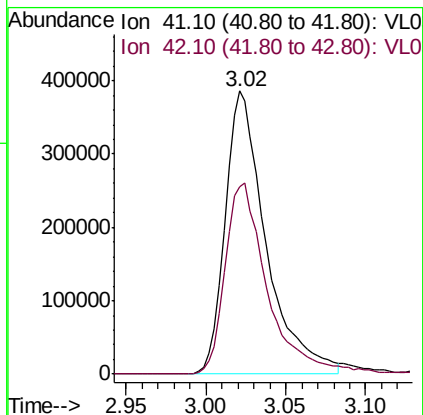
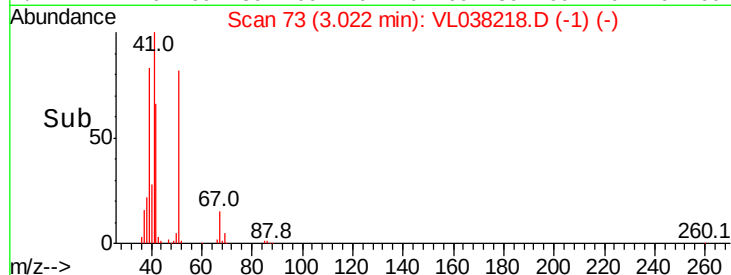
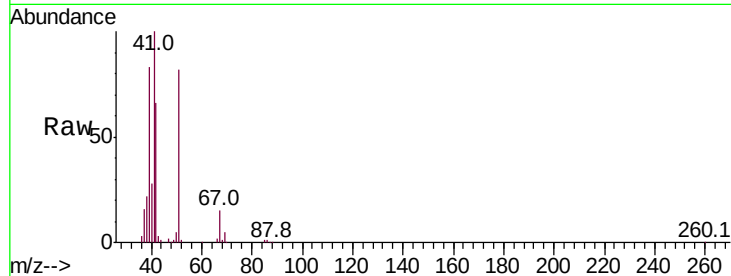
42 71.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#10

Heptane

Concen: 12.326 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL038218.D

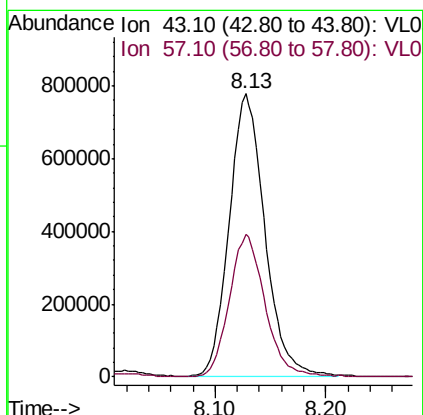
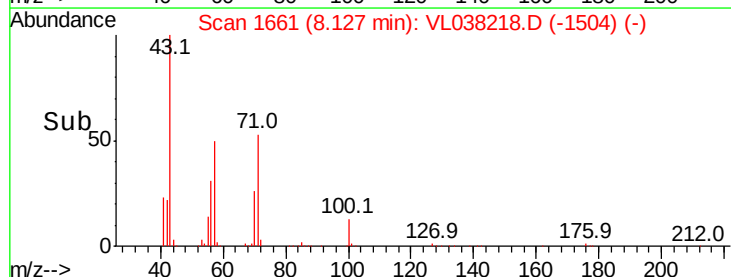
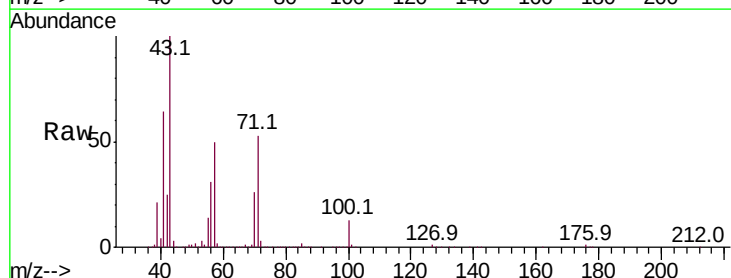
Acq: 21 Dec 2021 17:08

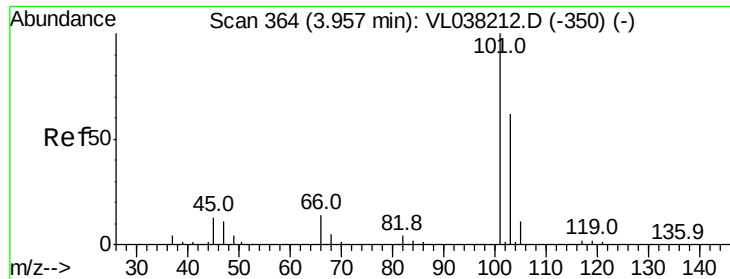
Tgt Ion: 43 Resp: 1735985

Ion Ratio Lower Upper

43 100

57 50.4 40.3 60.5



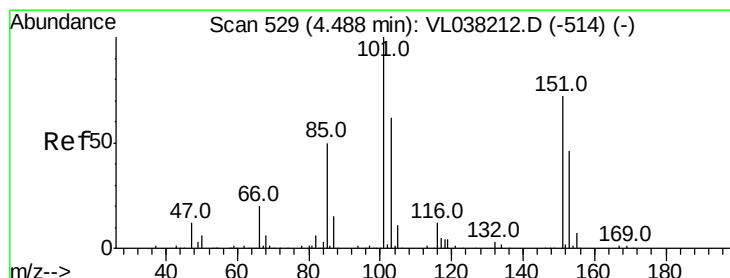
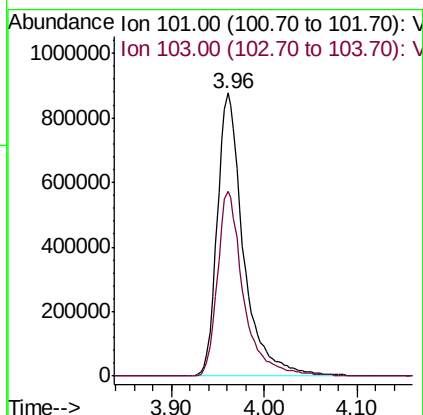
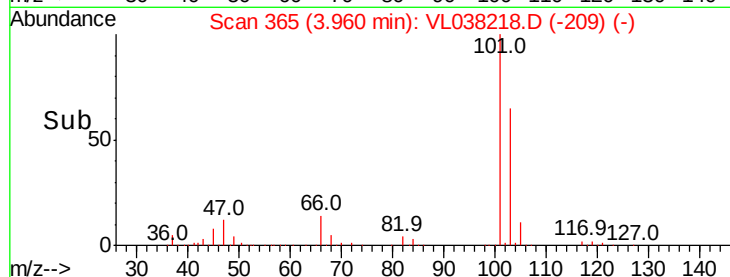
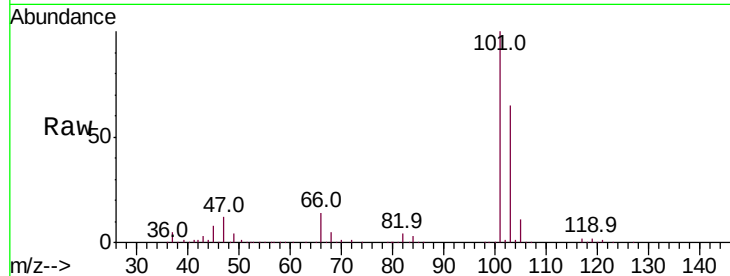


#11
 Trichlorofluoromethane
 Concen: 13.450 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion:1
 Ion Ratio
 101 100
 103 65.

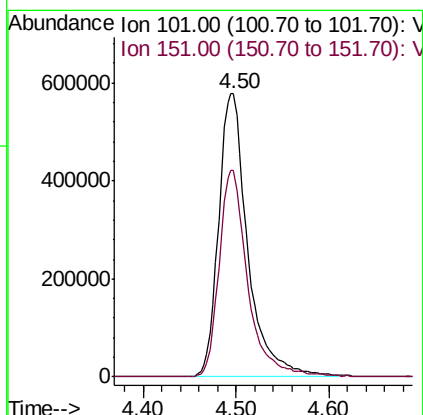
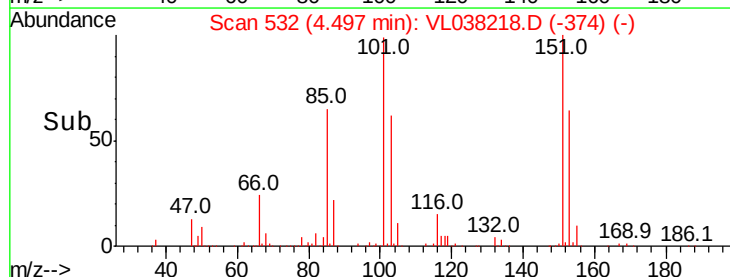
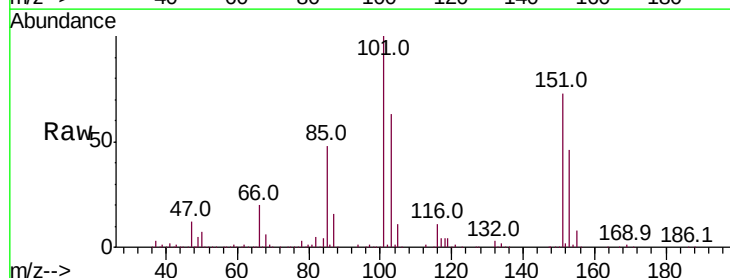
Manual Integrations
 APPROVED

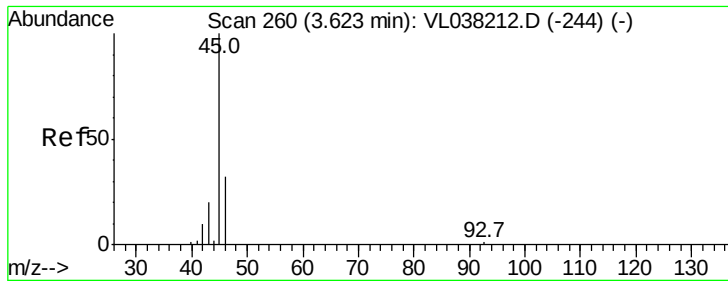
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.119 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VL038218.D
 Acq: 21 Dec 2021 17:08

Tgt Ion:101 Resp: 1257900
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.6 87.8



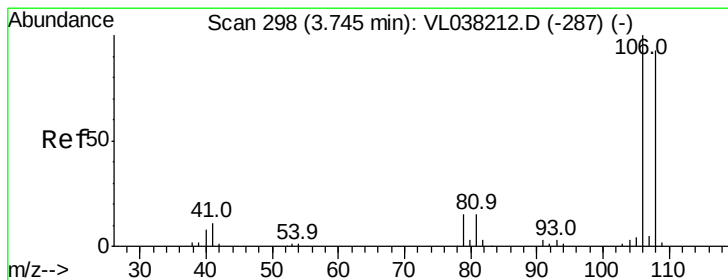
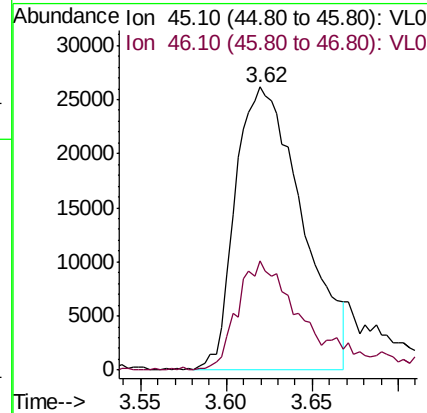
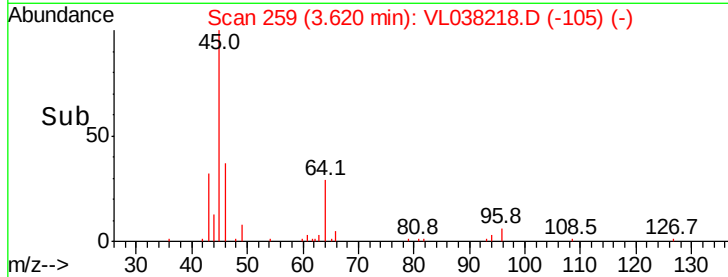
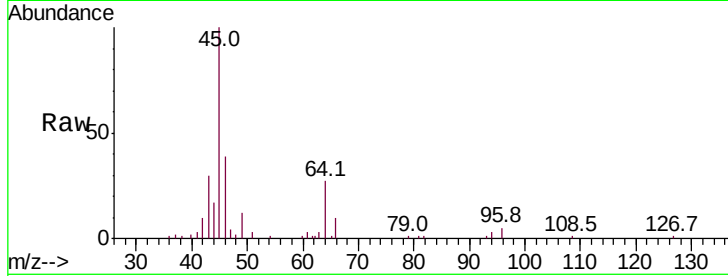


#13
Ethanol
Concen: 6.018 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
45 100
46 40.

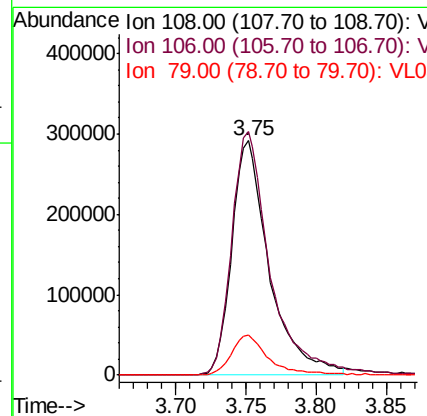
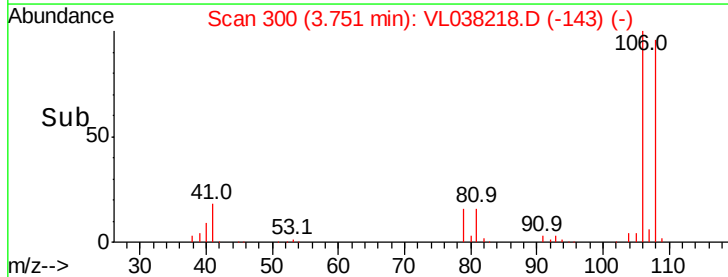
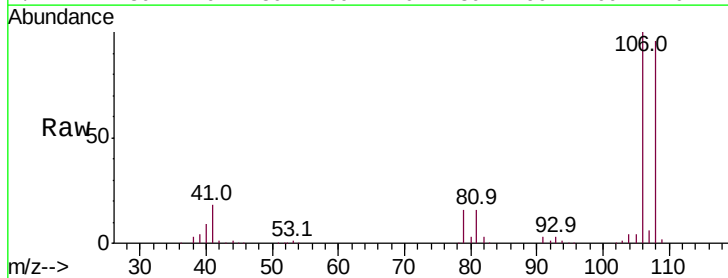
Manual Integrations
APPROVED

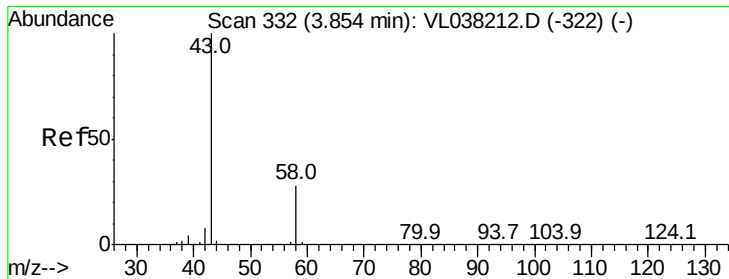
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#14
Bromoethene
Concen: 13.960 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion:108 Resp: 543447
Ion Ratio Lower Upper
108 100
106 107.8 88.2 132.2
79 17.2 13.7 20.5





#15

Acetone

Concen: 11.820 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08 VSTDIC015

Tot Ion:

Ion Ratio

43 100

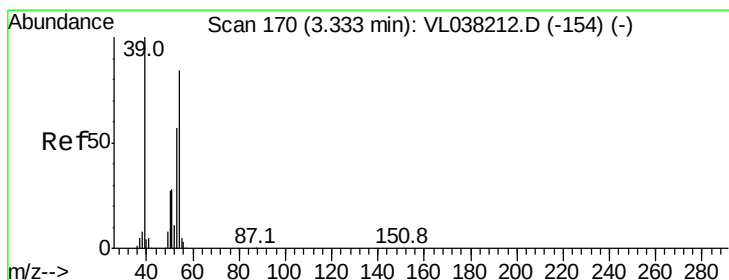
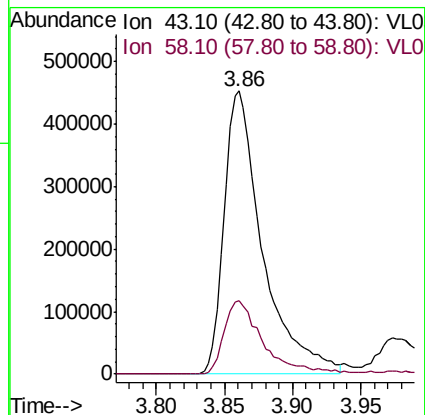
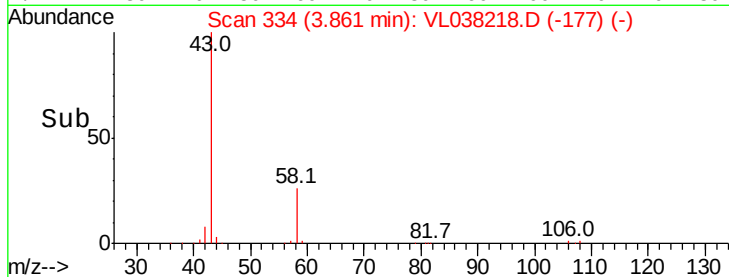
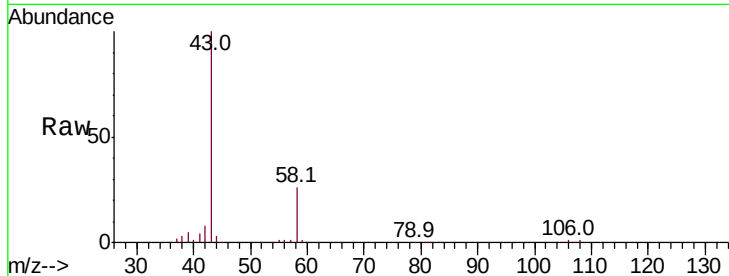
58 26.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#16

1,3-Butadiene

Concen: 13.413 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038218.D

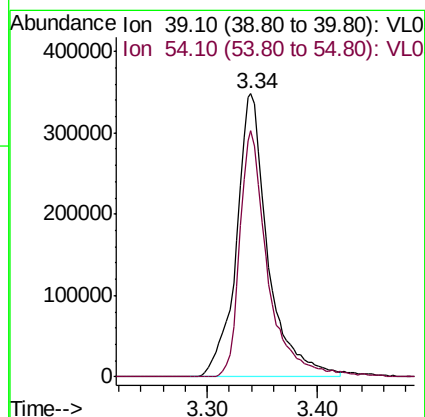
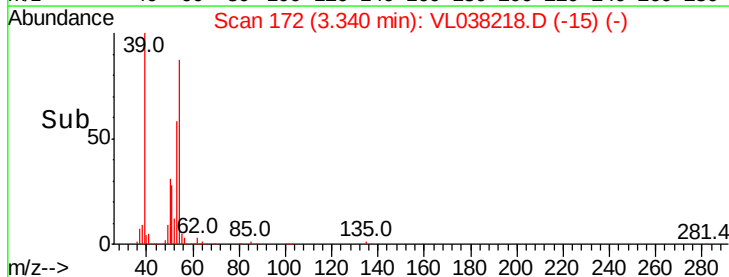
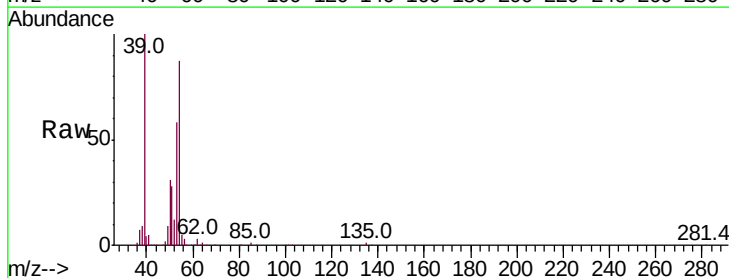
Acq: 21 Dec 2021 17:08

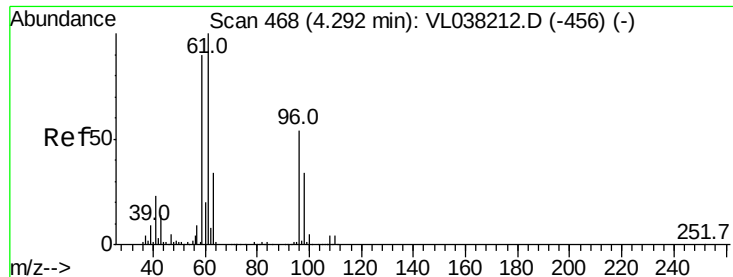
Tgt Ion: 39 Resp: 691163

Ion Ratio Lower Upper

39 100

54 77.7 62.9 94.3





#17

tert-Butyl alcohol

Concen: 11.502 ppbv

RT: 4.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

59 100

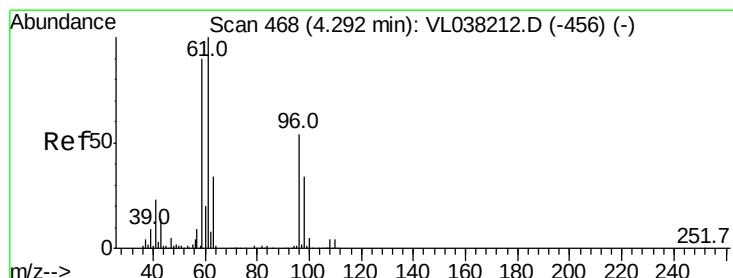
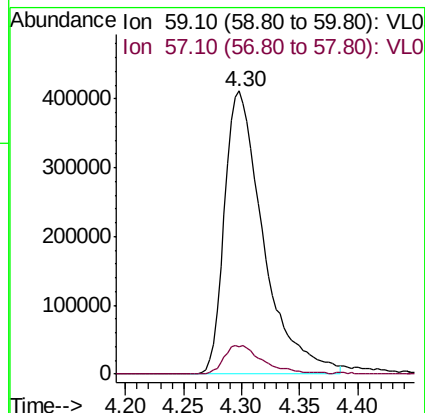
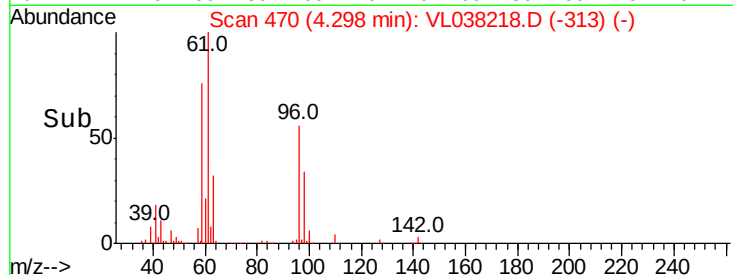
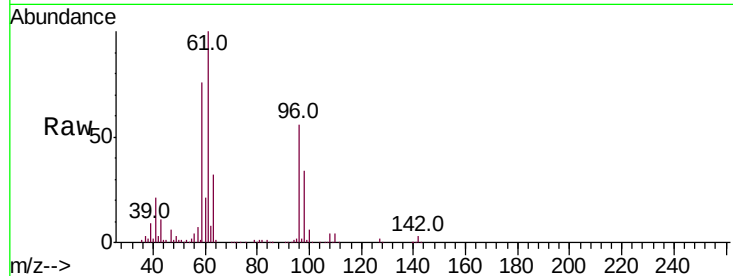
57 10.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#18

1,1-Dichloroethene

Concen: 13.625 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

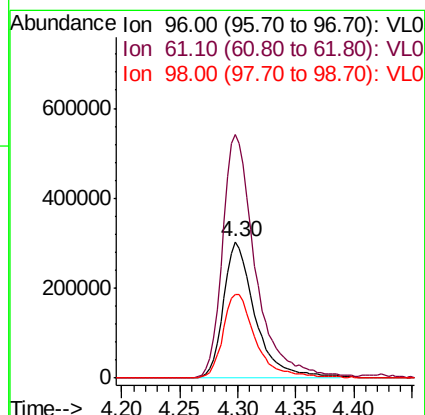
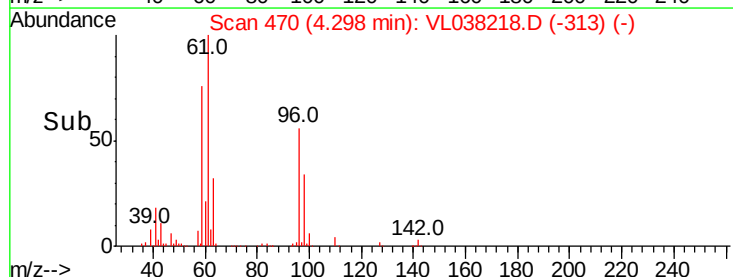
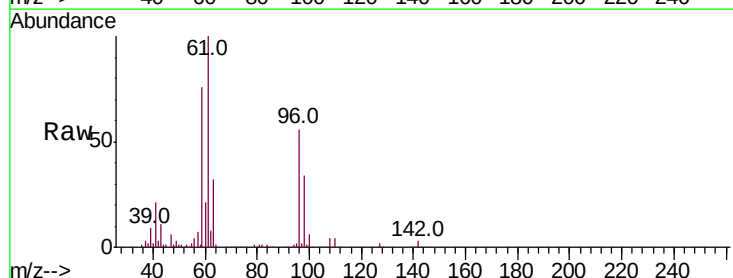
Tgt Ion: 96 Resp: 574356

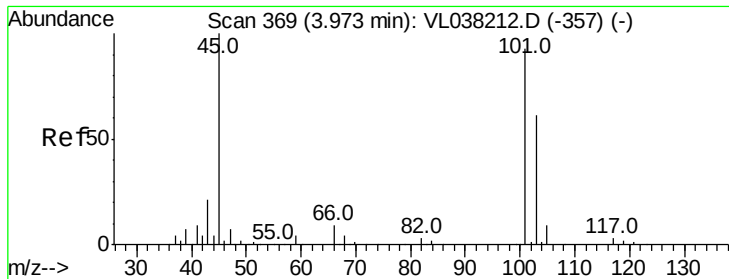
Ion Ratio Lower Upper

96 100

61 178.6 147.4 221.0

98 61.3 50.7 76.1





#19

Isopropyl Alcohol

Concen: 11.380 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

45 100

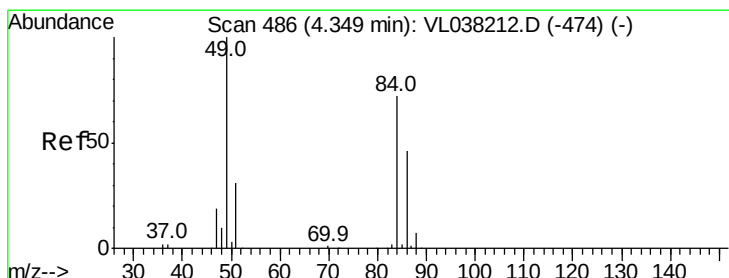
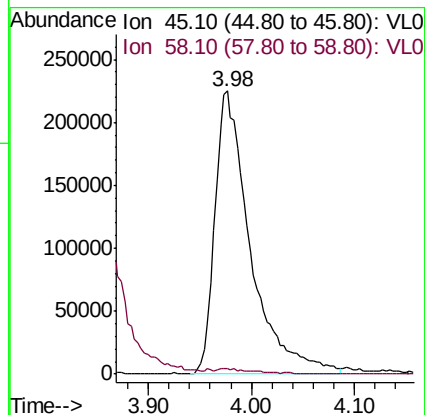
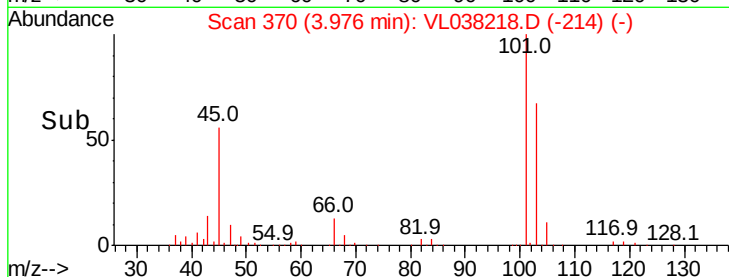
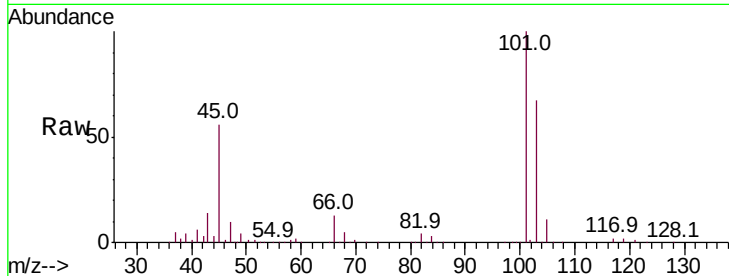
58 2.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 11.036 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

Tgt Ion: 84 Resp: 464304

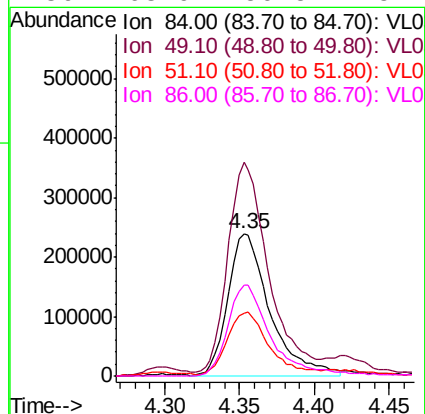
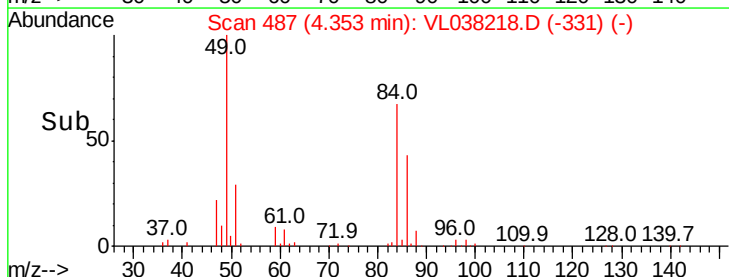
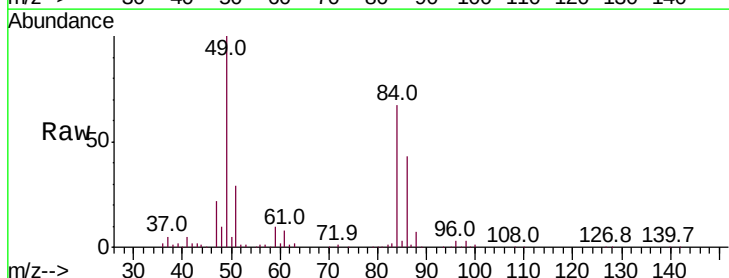
Ion Ratio Lower Upper

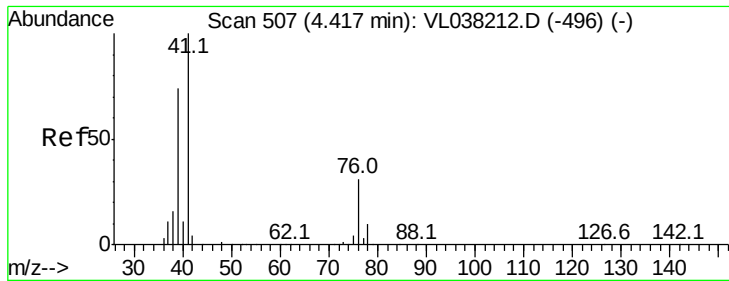
84 100

49 147.5 110.6 166.0

51 42.3 34.2 51.2

86 63.9 50.5 75.7





#21

Allvl Chloride

Concen: 13.660 ppbv

RT: 4.42 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08 VSTDIC015

Tot Ion:

Ion Ratio

41 100

76 31.

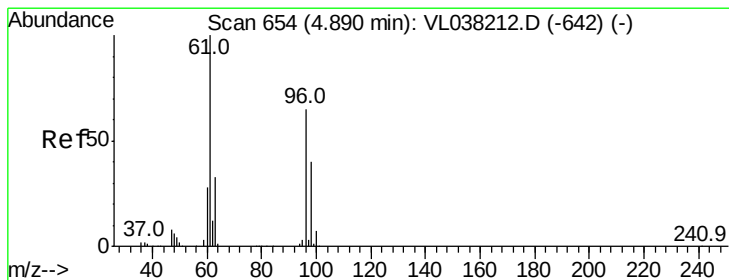
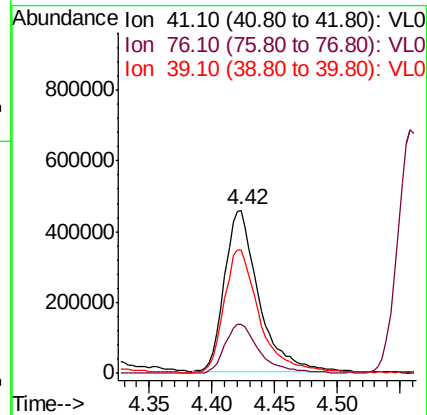
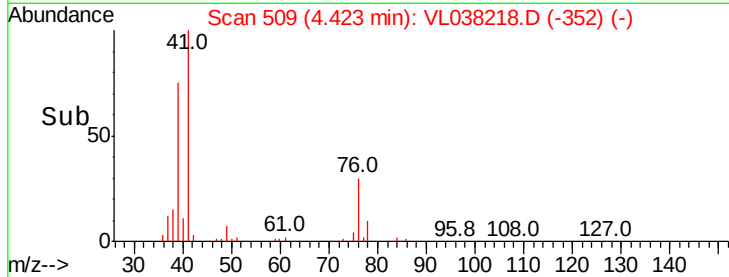
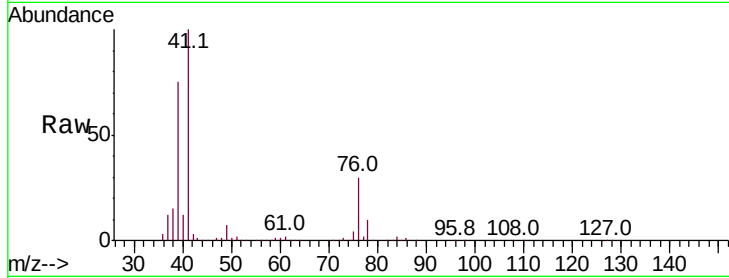
39 78.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#22

trans-1,2-Dichloroethene

Concen: 14.399 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.00 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

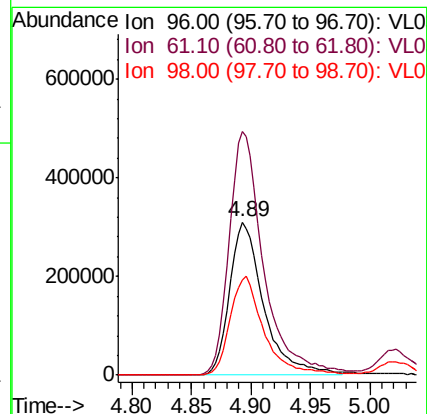
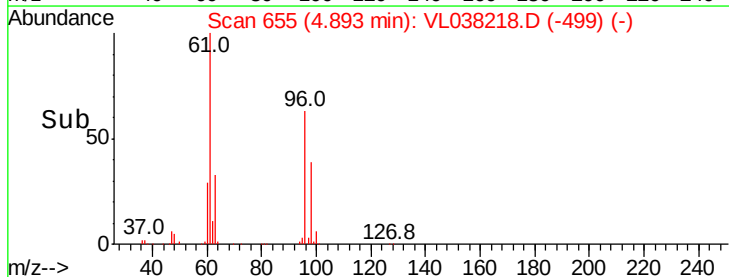
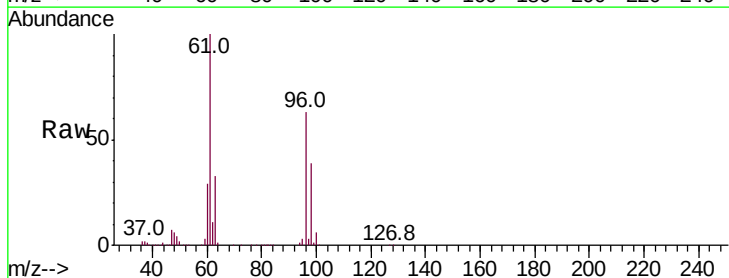
Tgt Ion: 96 Resp: 618059

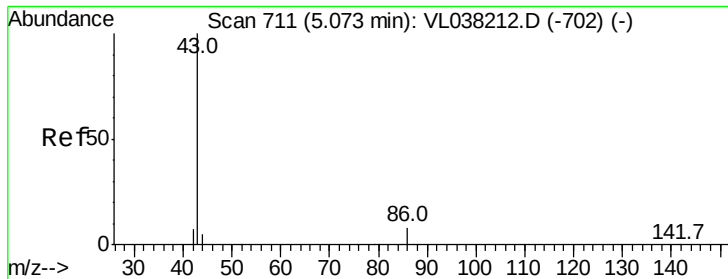
Ion Ratio Lower Upper

96 100

61 158.9 123.5 185.3

98 62.5 50.0 75.0





#23

Vinyl Acetate

Concen: 14.215 ppbv

RT: 5.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

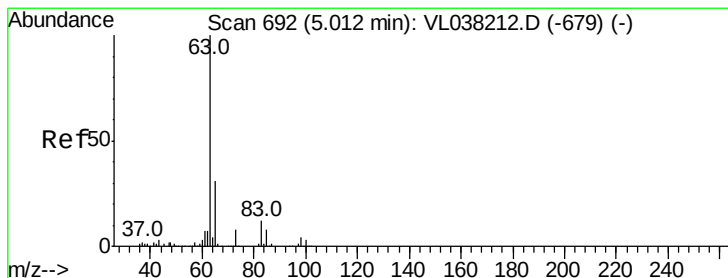
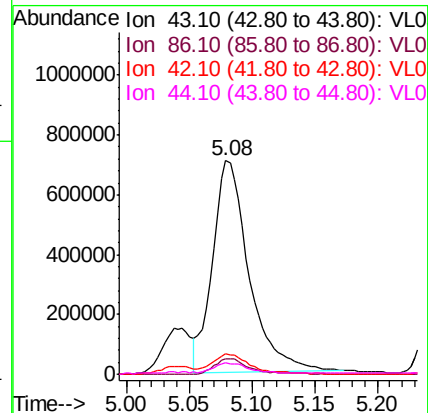
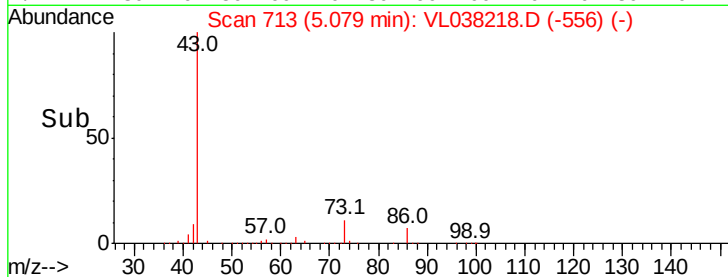
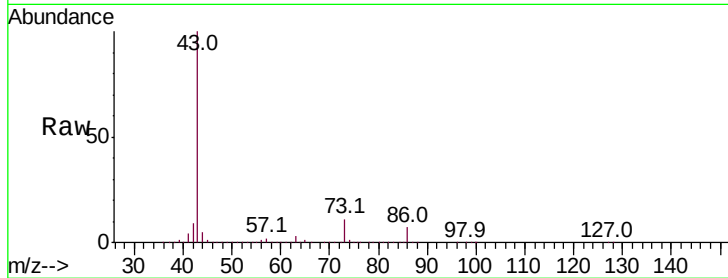
44 4.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#24

1,1-Dichloroethane

Concen: 13.223 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

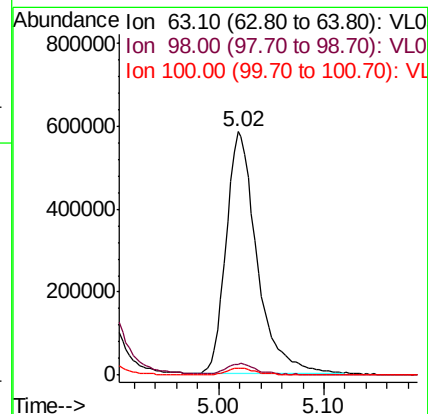
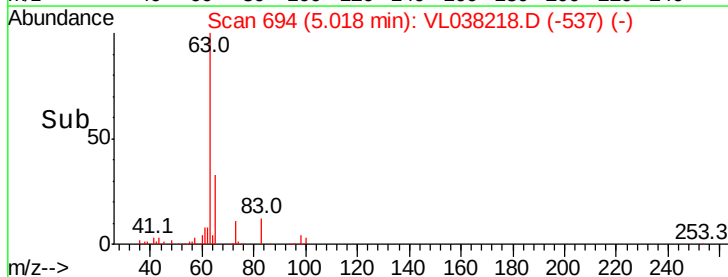
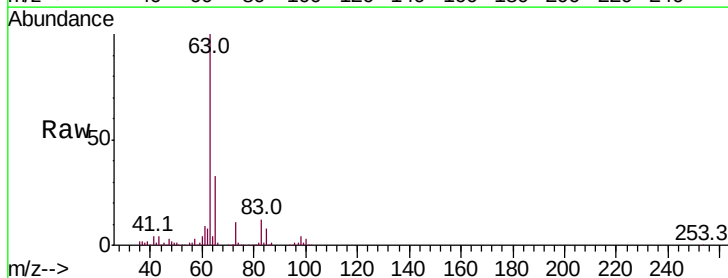
Tgt Ion: 63 Resp: 1182359

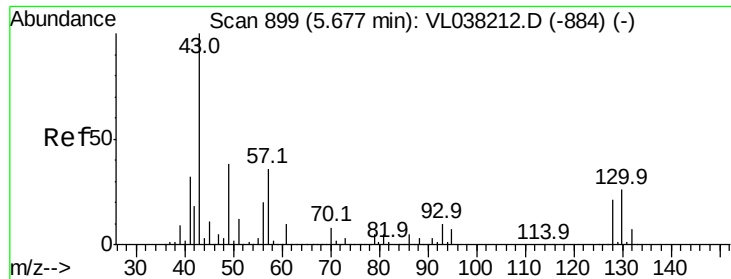
Ion Ratio Lower Upper

63 100

98 4.4 2.2 6.6

100 2.9 1.5 4.4



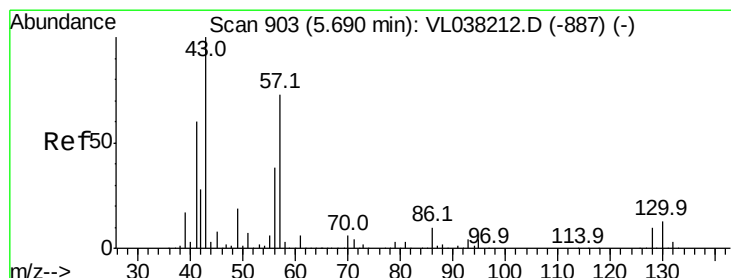
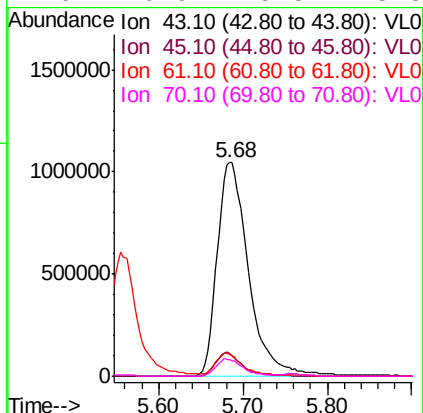
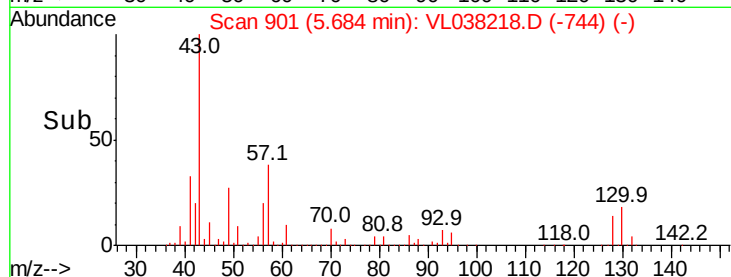
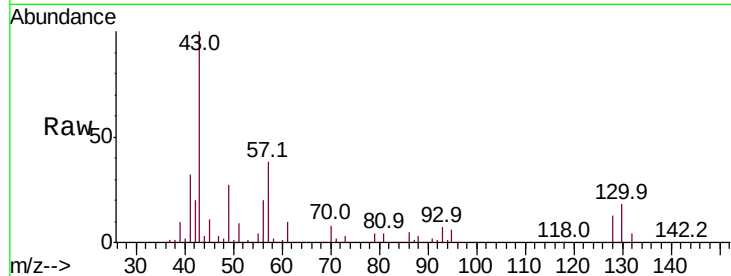


#25
Ethyl Acetate
Concen: 13.076 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.9 5.5 8.3

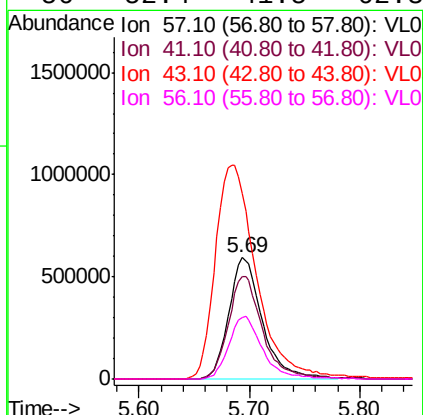
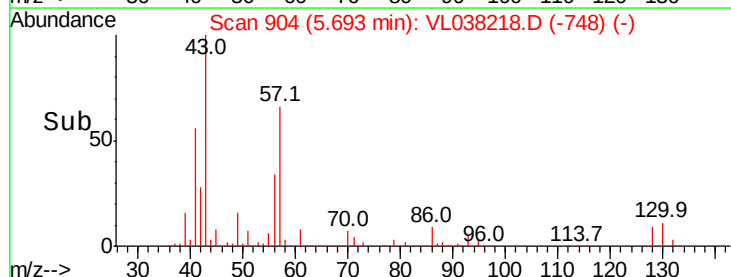
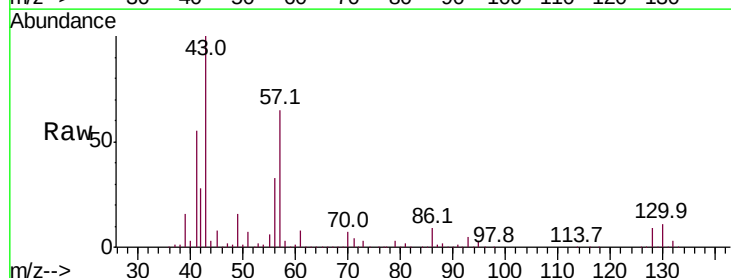
Manual Integrations
APPROVED

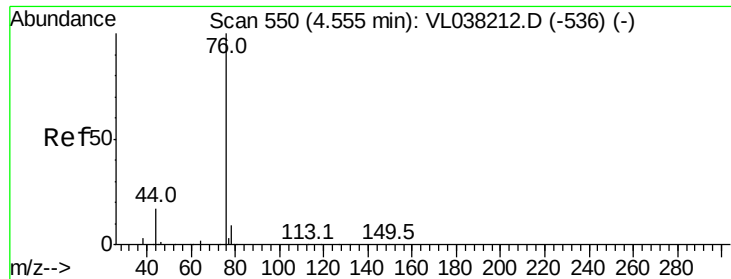
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 12.068 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 57 Resp: 1251469
Ion Ratio Lower Upper
57 100
41 87.3 69.0 103.6
43 217.1 171.2 256.8
56 52.4 41.5 62.3



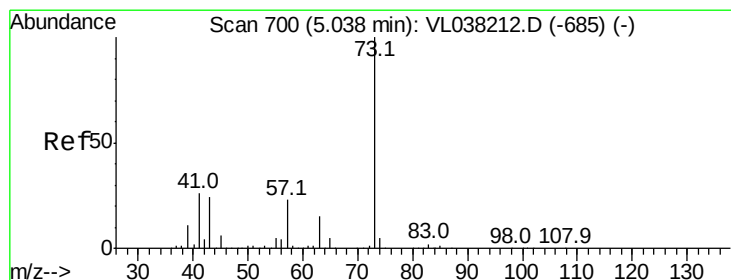
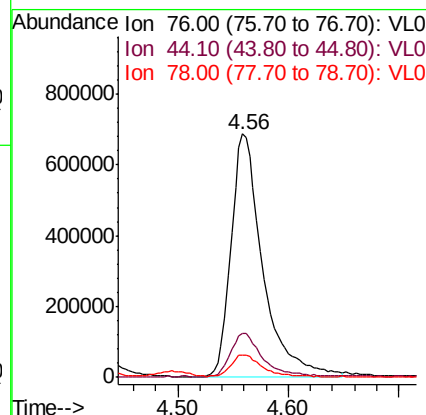
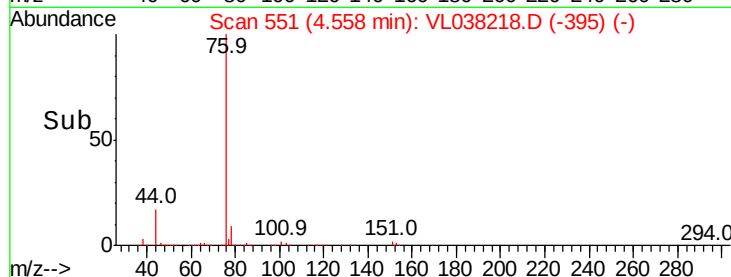
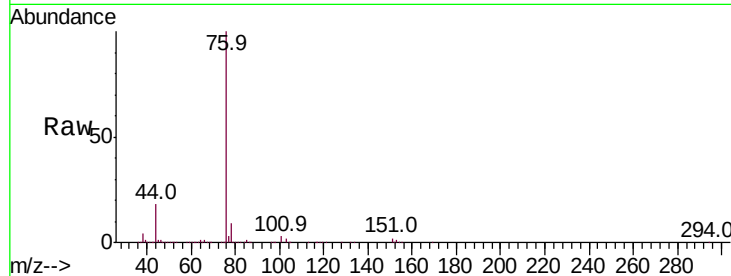


#27
Carbon Disulfide
Concen: 15.274 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
76 100
44 19.
78 9.

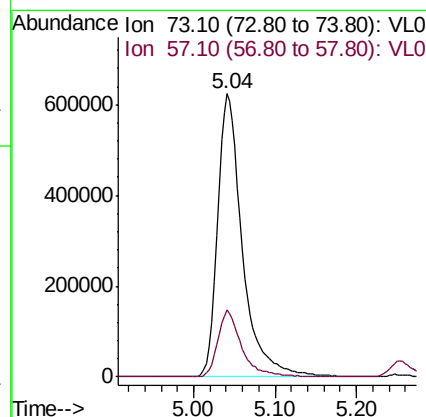
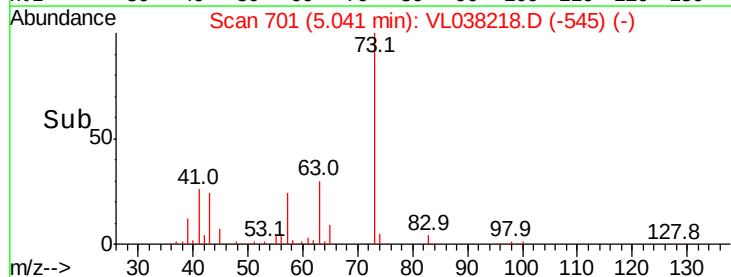
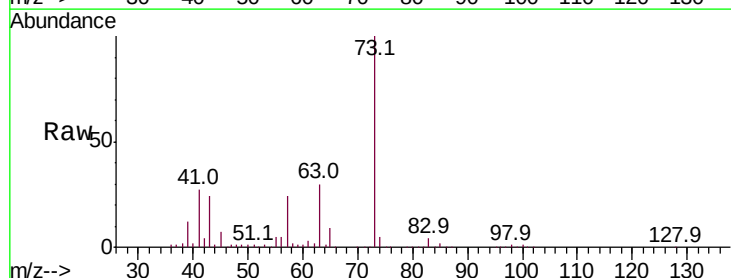
Manual Integrations
APPROVED

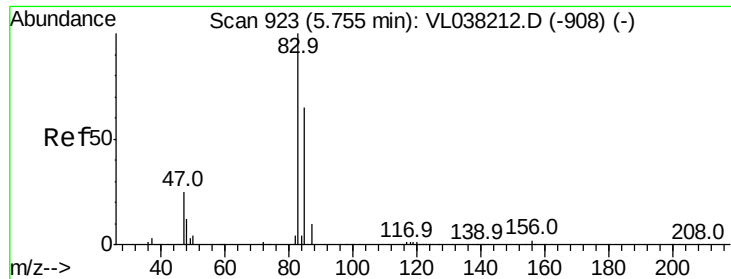
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#28
Methyl tert-Butyl Ether
Concen: 13.286 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.00 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 73 Resp: 1341890
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



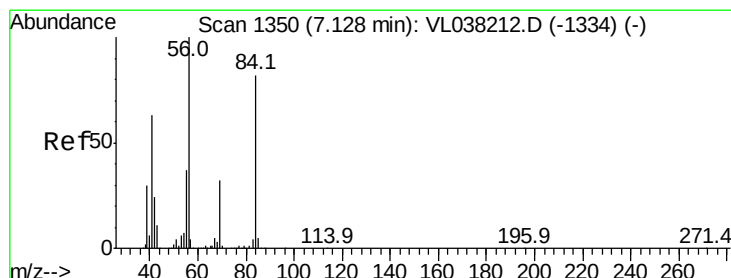
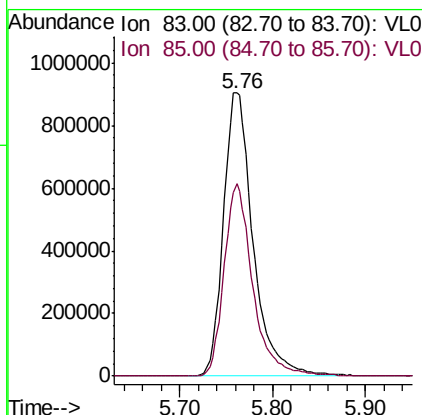
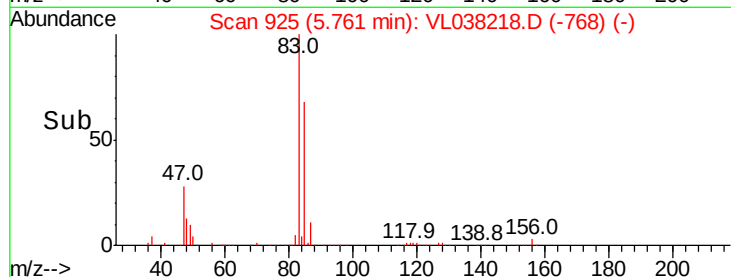
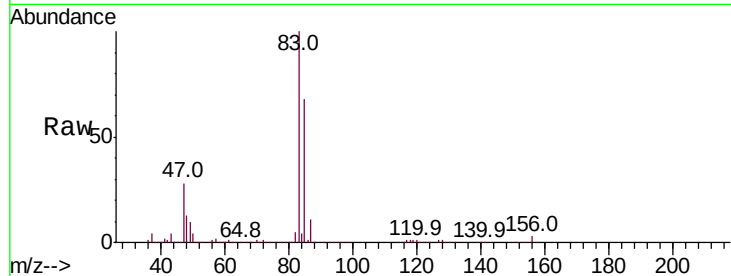


#29
Chloroform
Concen: 13.136 ppbv
RT: 5.76
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
83 100
85 67.

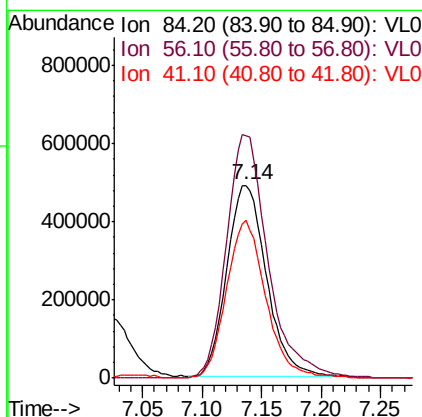
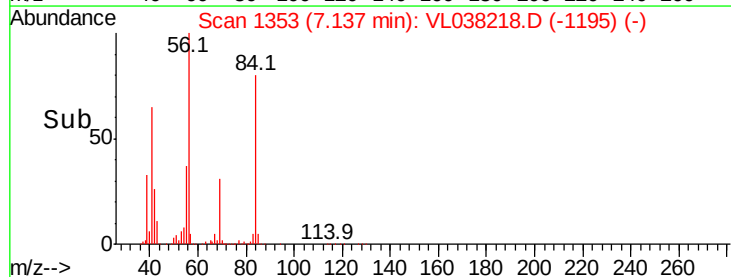
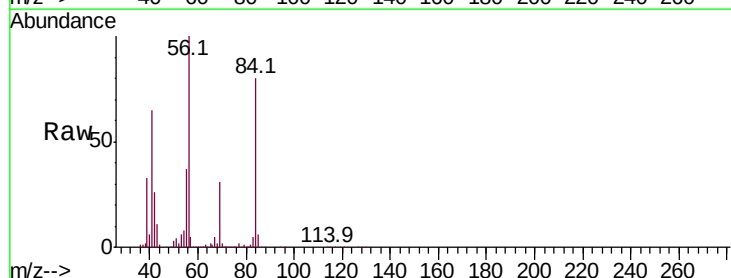
Manual Integrations
APPROVED

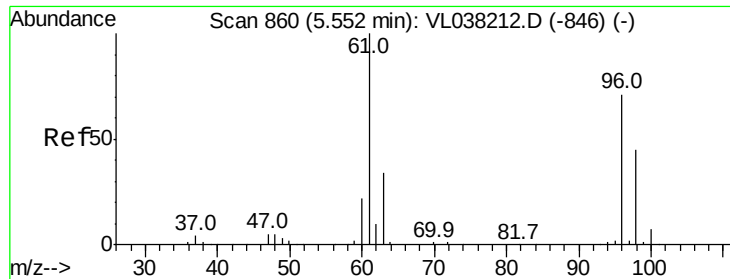
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 12.224 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 84 Resp: 1127727
Ion Ratio Lower Upper
84 100
56 134.9 105.2 157.8
41 82.4 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 15.852 ppbv

RT: 5.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

61 100

96 66.

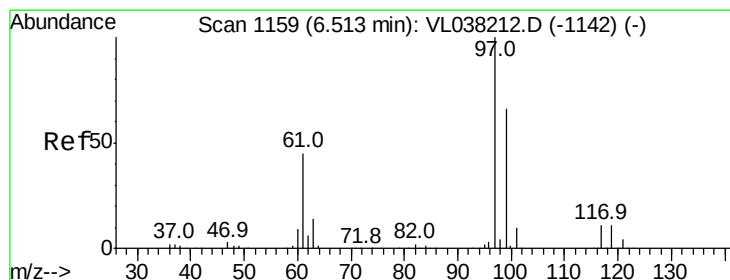
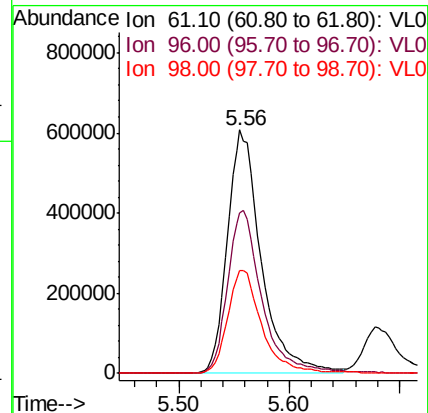
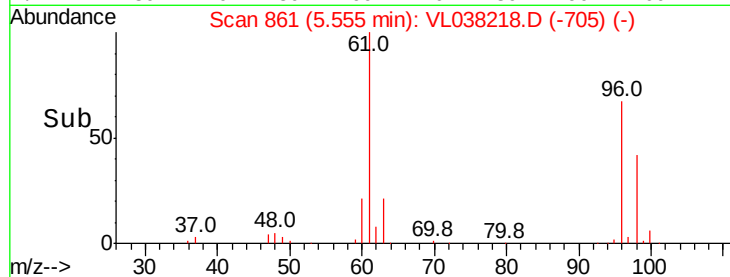
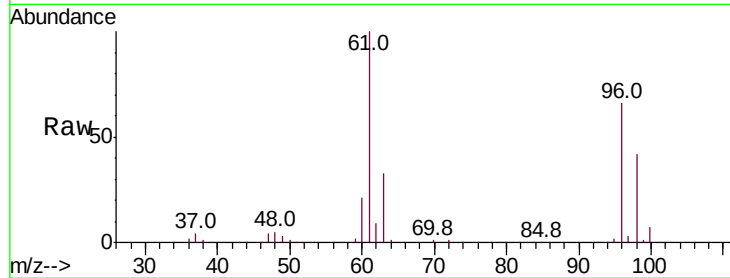
98 42.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#32

1,1,1-Trichloroethane

Concen: 13.486 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

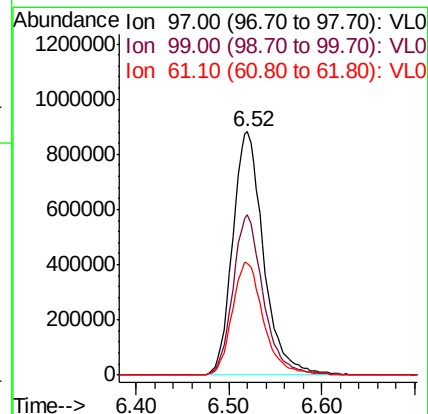
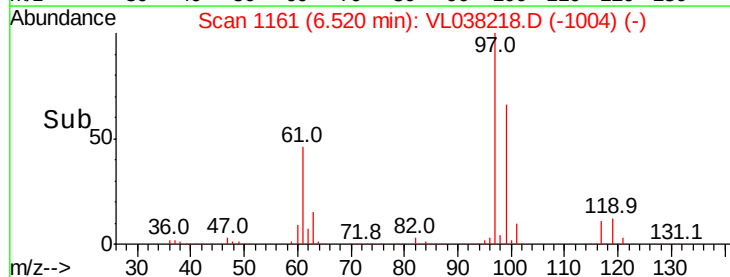
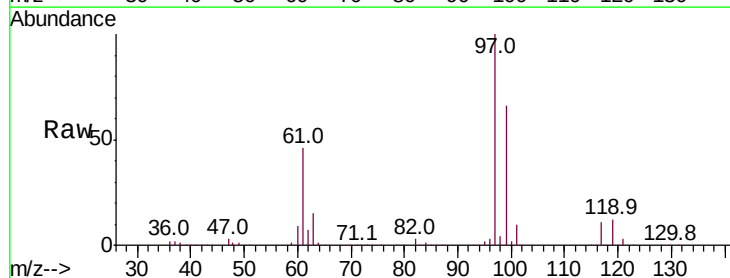
Tgt Ion: 97 Resp: 2042558

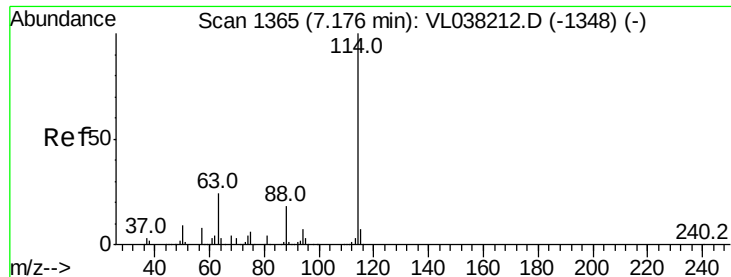
Ion Ratio Lower Upper

97 100

99 64.9 52.4 78.6

61 46.7 37.2 55.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_L

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion: 1

Ion Ratio

114 100

63 25.

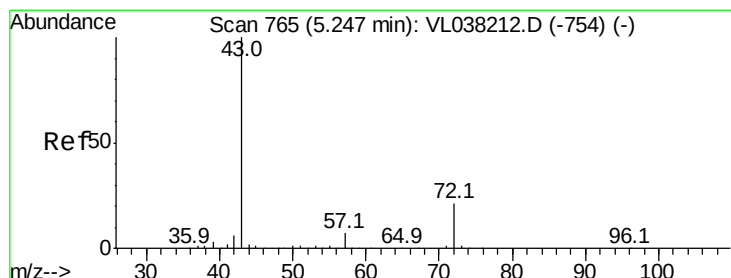
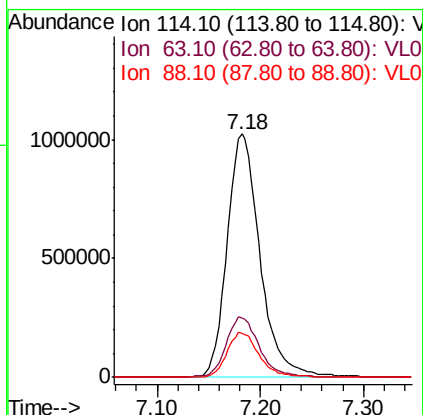
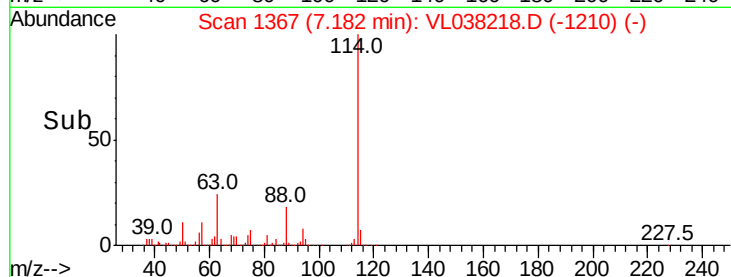
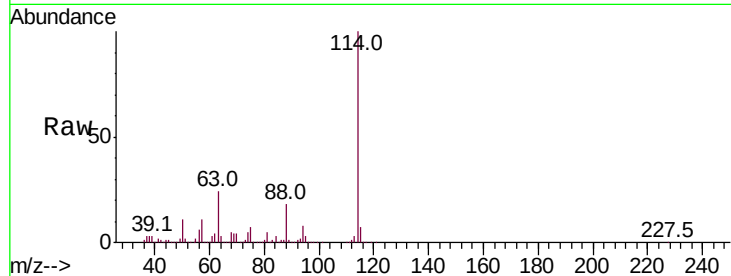
88 18.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#34

2-Butanone

Concen: 12.967 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

Lab File: VL038218.D

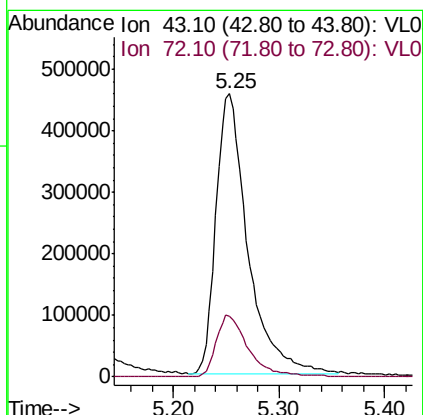
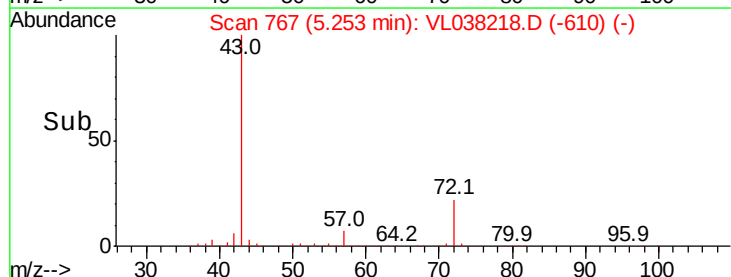
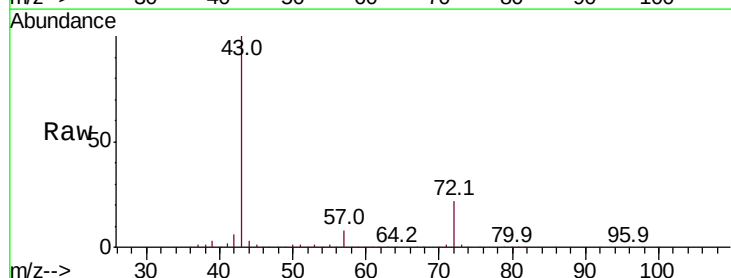
Acq: 21 Dec 2021 17:08

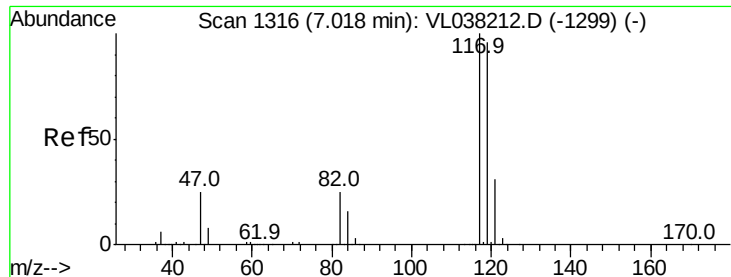
Tgt Ion: 43 Resp: 947693

Ion Ratio Lower Upper

43 100

72 22.7 18.3 27.5



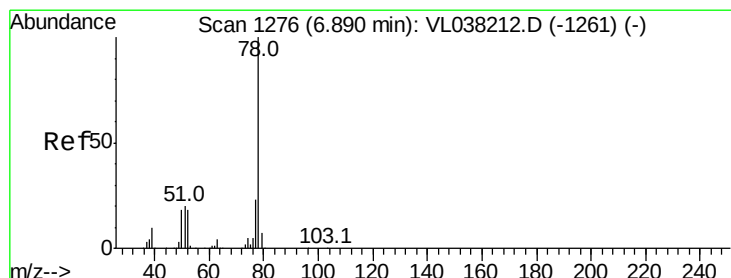
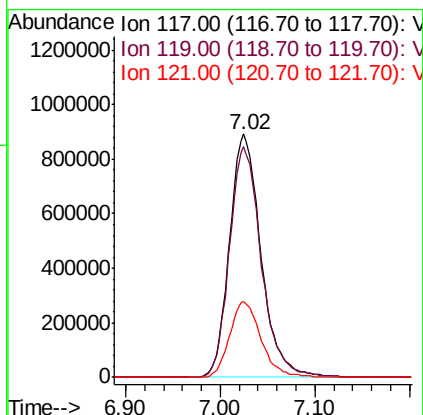
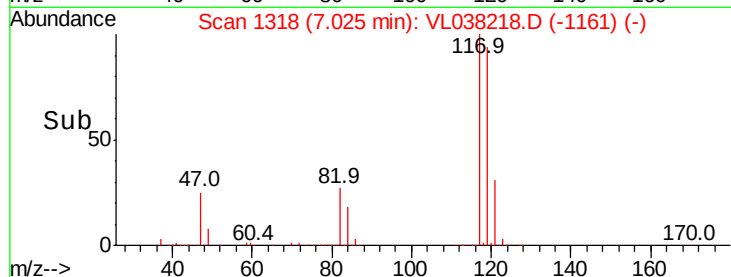
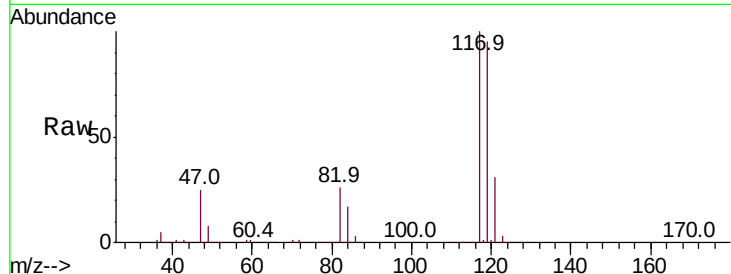


#35
 Carbon Tetrachloride
 Concen: 14.619 ppbv
 RT: 7.02
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion:1
 Ion Rati
 117 100
 119 94.
 121 31.

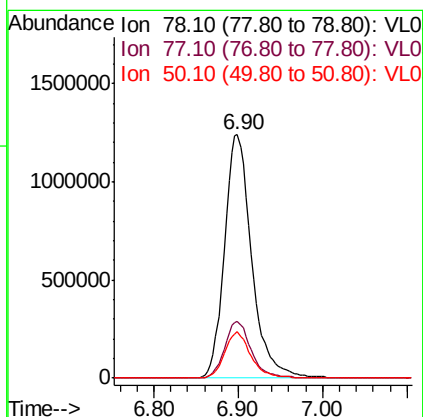
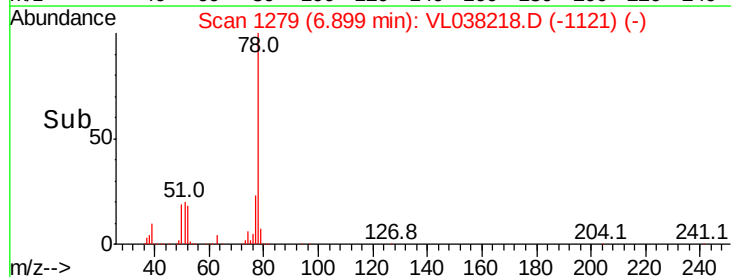
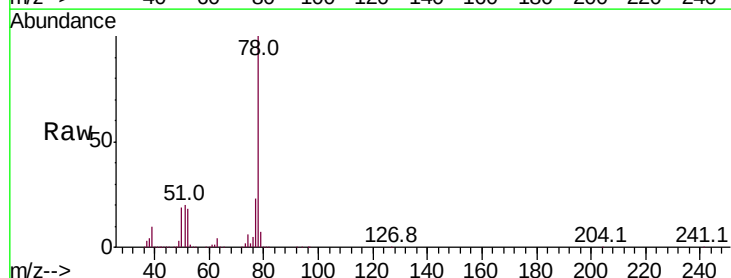
Manual Integrations
 APPROVED

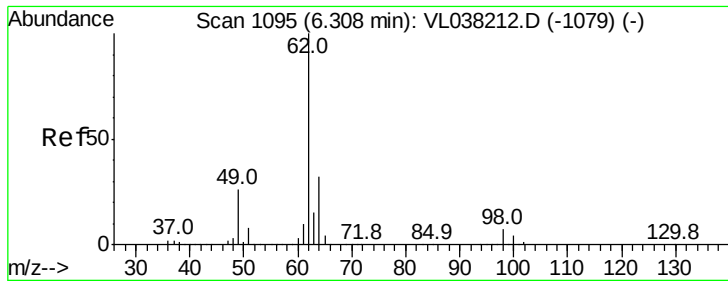
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#36
 Benzene
 Concen: 12.963 ppbv
 RT: 6.90 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: VL038218.D
 Acq: 21 Dec 2021 17:08

Tgt Ion: 78 Resp: 2777404
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.2 27.4
 50 18.9 14.3 21.5



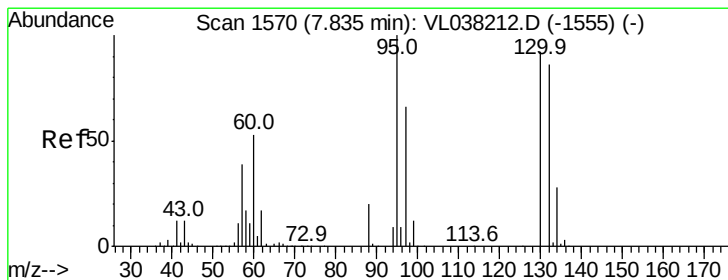
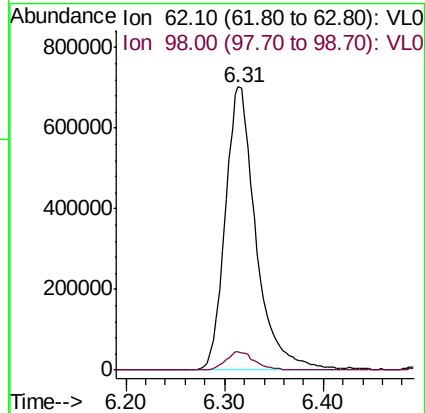
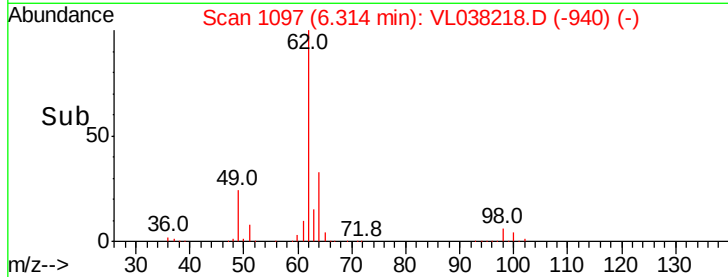
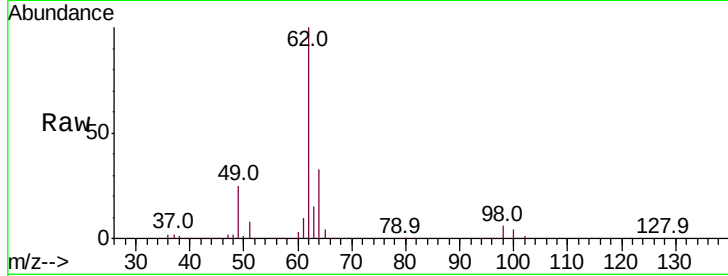


#37
 1,2-Dichloroethane
 Concen: 14.382 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion:
 Ion Ratio
 62 100
 98 6.

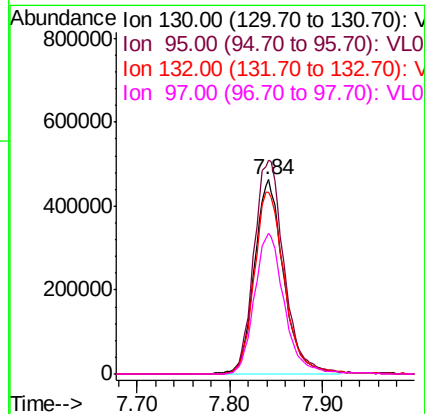
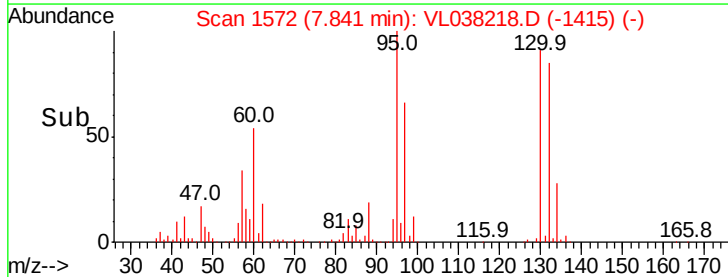
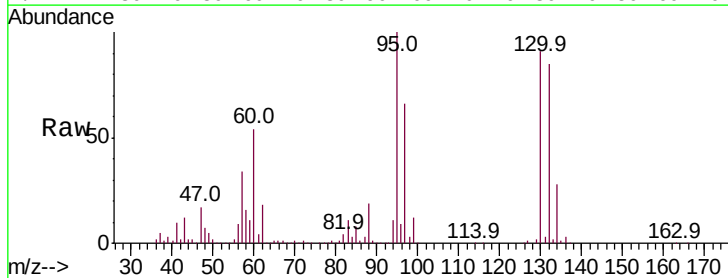
Manual Integrations
 APPROVED

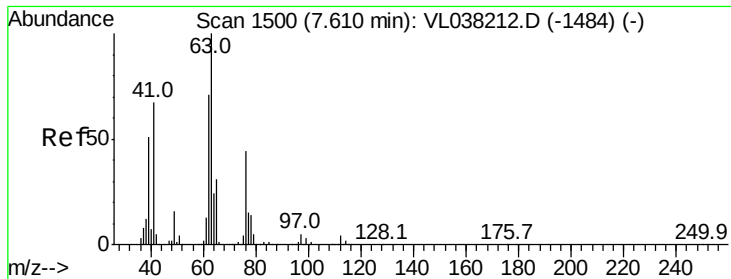
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#38
 Trichloroethene
 Concen: 12.448 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038218.D
 Acq: 21 Dec 2021 17:08

Tgt Ion:130 Resp: 1010369
 Ion Ratio Lower Upper
 130 100
 95 110.0 87.0 130.4
 132 93.9 75.1 112.7
 97 72.5 57.0 85.4





#39

1,2-Dichloropropane

Concen: 13.016 ppbv

RT: 7.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

63 100

41 69.

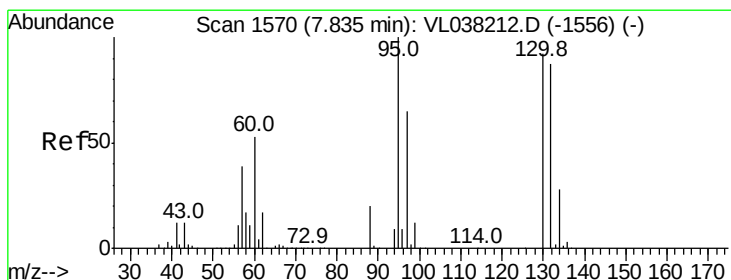
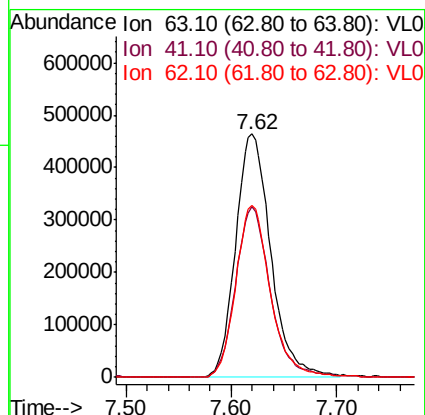
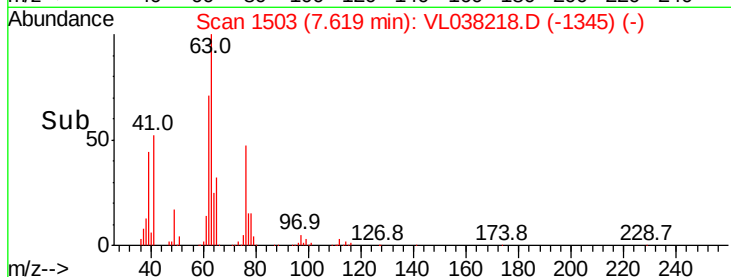
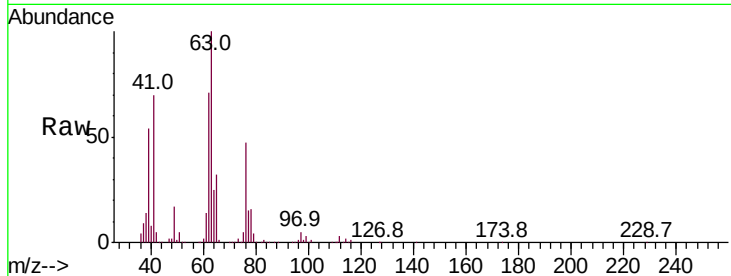
62 70.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#40

1,4-Dioxane

Concen: 11.015 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

Tgt Ion: 88 Resp: 259719

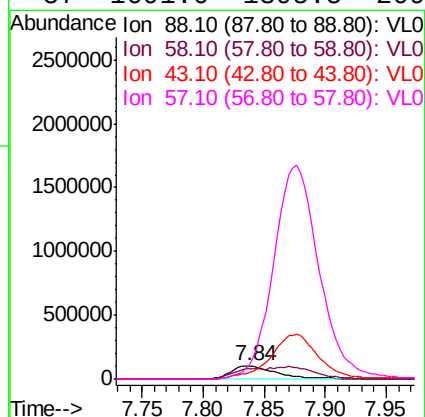
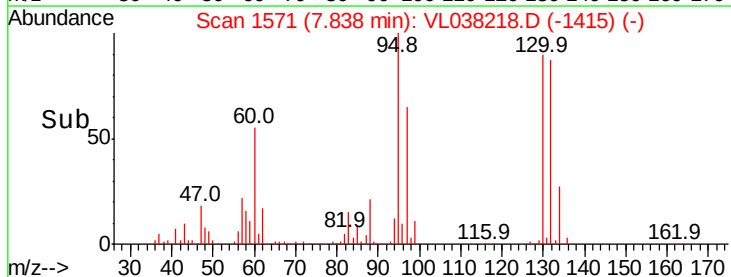
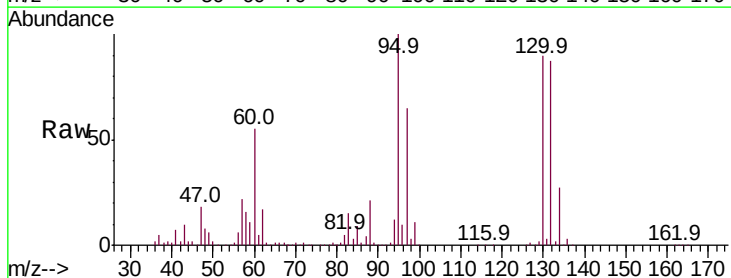
Ion Ratio Lower Upper

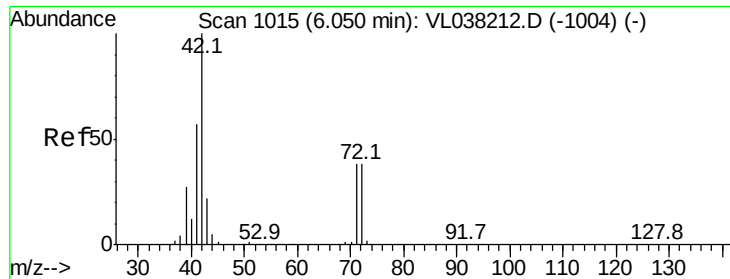
88 100

58 152.5 127.8 191.8

43 378.7 301.0 451.6

57 1691.0 1395.5 2093.3



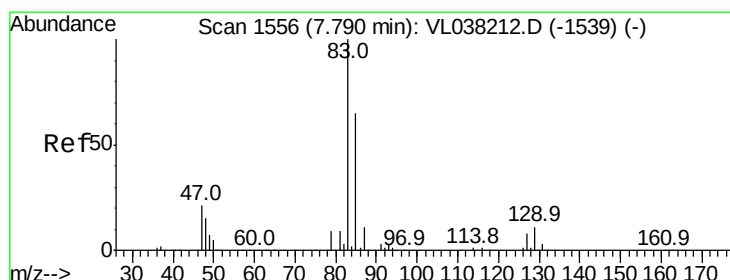
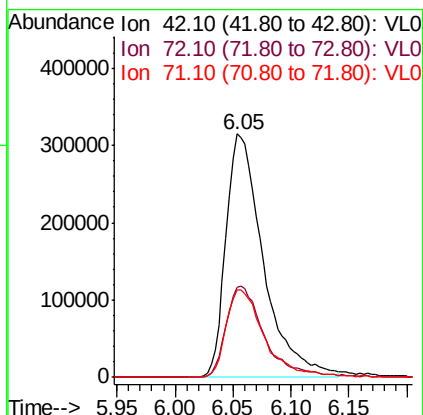
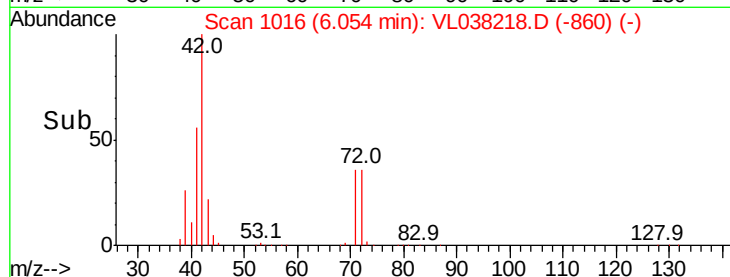
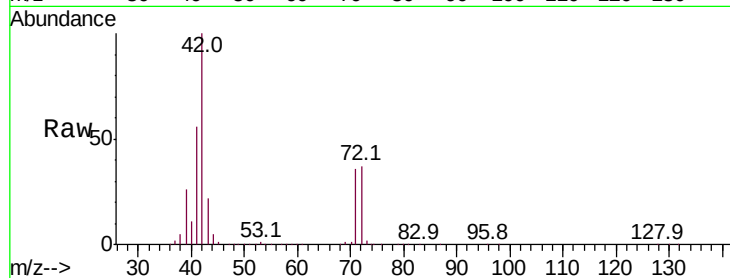


#41
Tetrahydrofuran
Concen: 13.869 ppbv
RT: 6.05
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
42 100
72 38.
71 37.

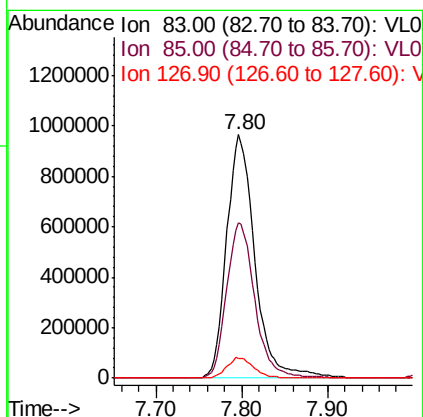
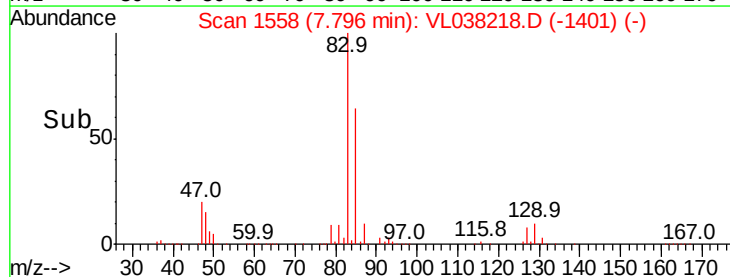
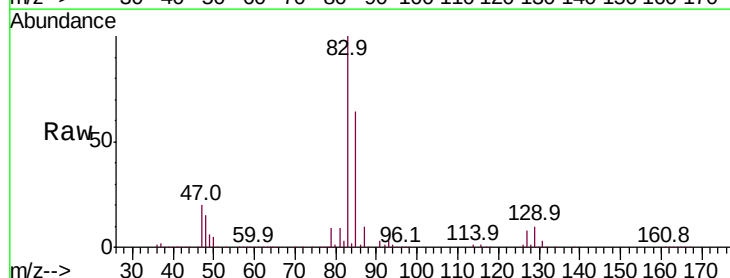
Manual Integrations
APPROVED

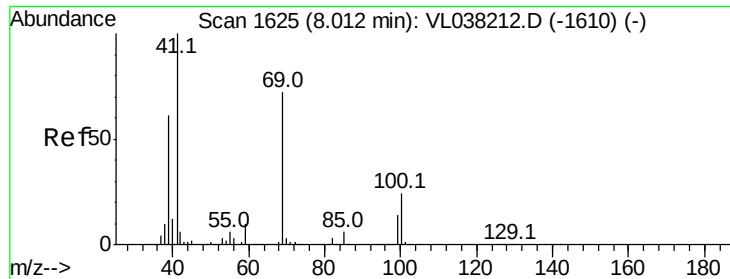
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#42
Bromodichloromethane
Concen: 14.513 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 83 Resp: 2203992
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0
127 8.2 6.1 9.1





#43

Methyl Methacrylate

Concen: 13.933 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId : VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

69 100

41 146.

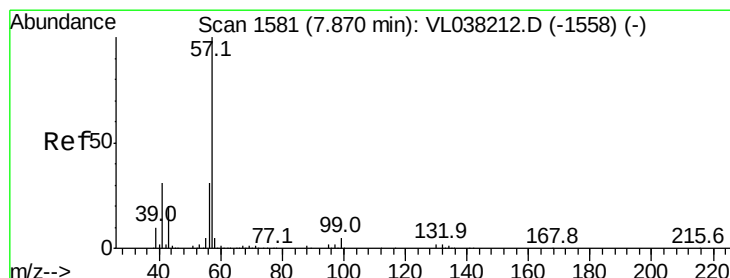
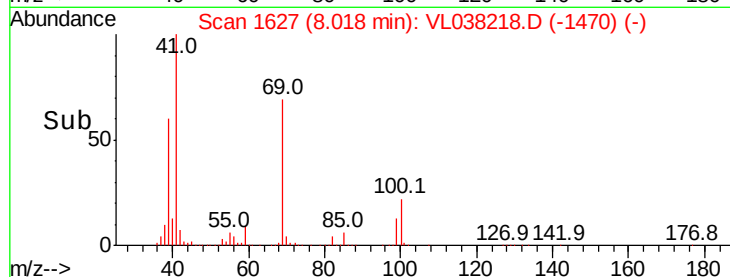
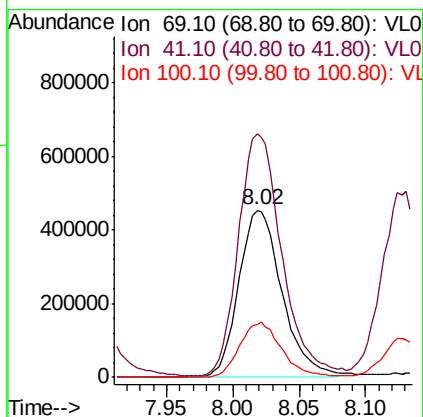
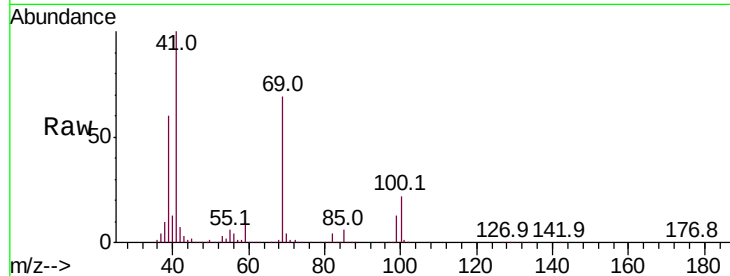
100 32.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#44

2,2,4-Trimethylpentane

Concen: 12.062 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

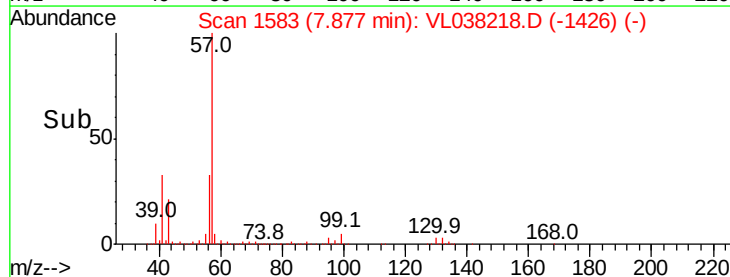
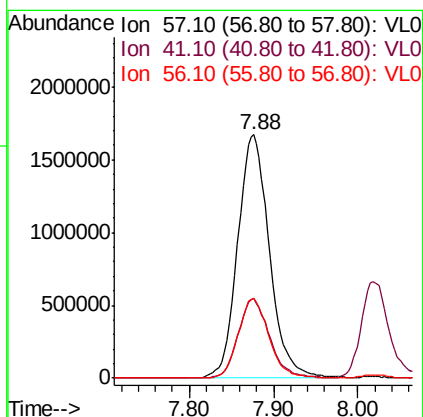
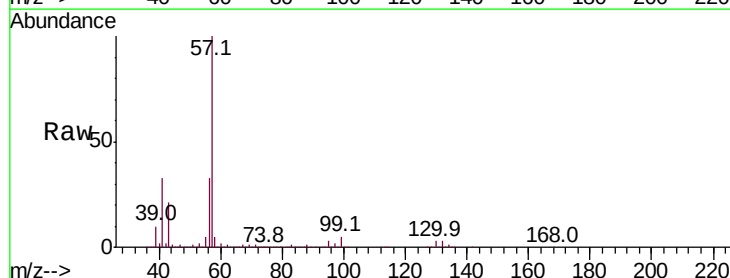
Tgt Ion: 57 Resp: 4382864

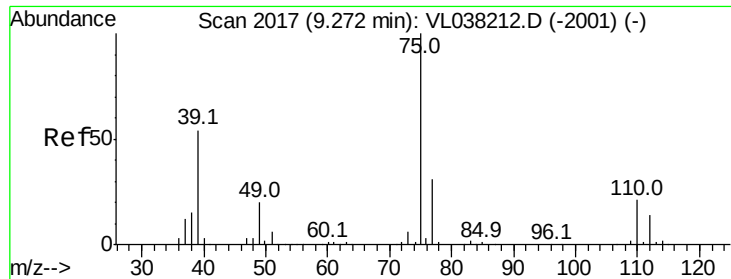
Ion Ratio Lower Upper

57 100

41 32.3 24.9 37.3

56 31.7 24.8 37.2





#45

t-1,3-Dichloropropene

Concen: 17.020 ppbv

RT: 9.28

Instrument: MSVOA_L

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

75 100

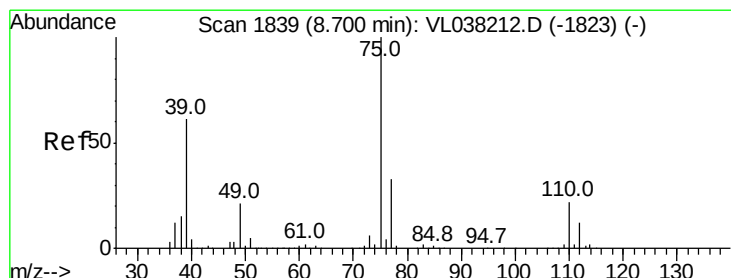
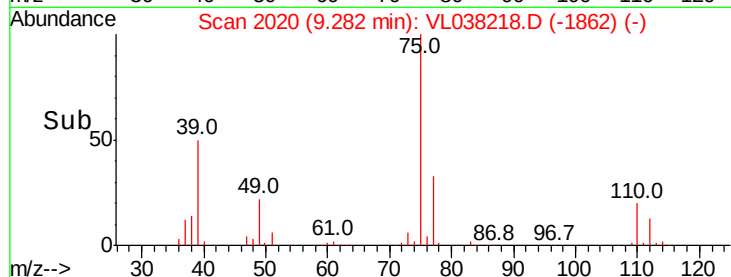
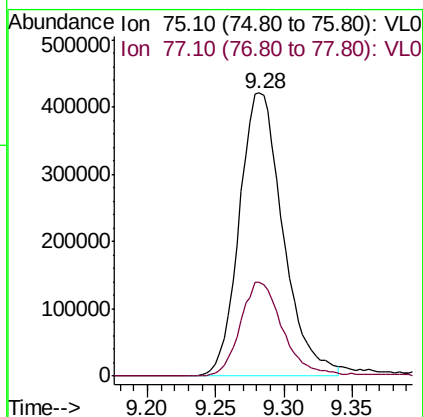
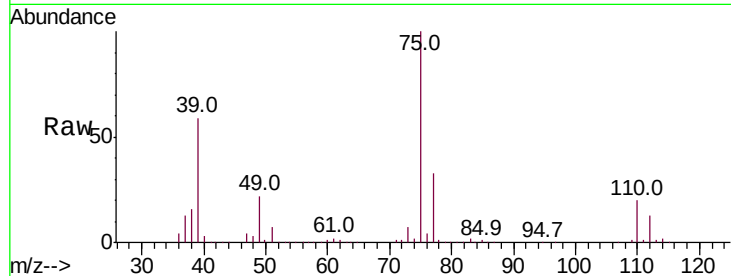
77 33.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#46

cis-1,3-Dichloropropene

Concen: 15.422 ppbv

RT: 8.71 min Scan# 1841

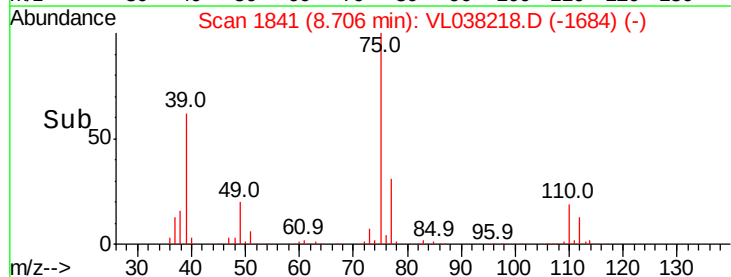
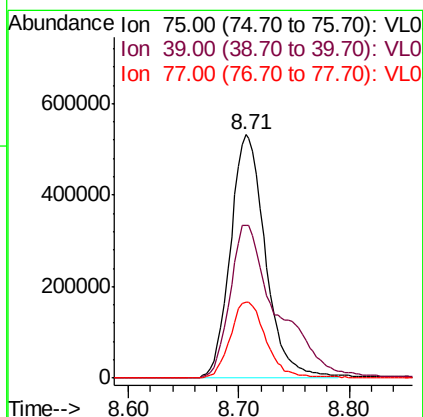
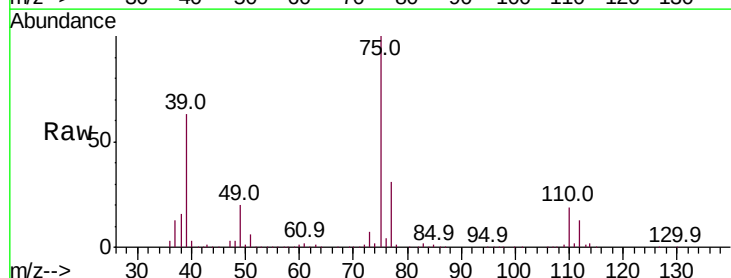
Delta R.T. 0.01 min

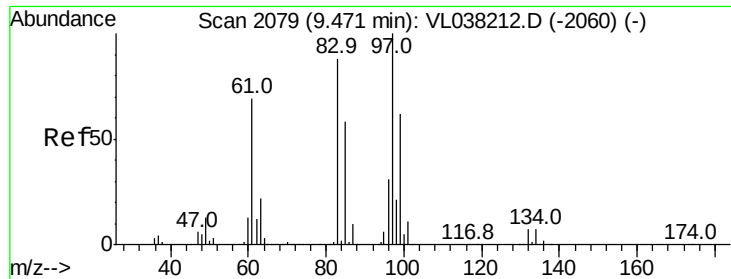
Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

Tgt Ion: 75 Resp: 1168954

Ion	Ratio	Lower	Upper
75	100		
39	62.5	48.9	73.3
77	31.4	26.2	39.2





#47

1,1,2-Trichloroethane

Concen: 12.853 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

97 100

83 85.

85 55.

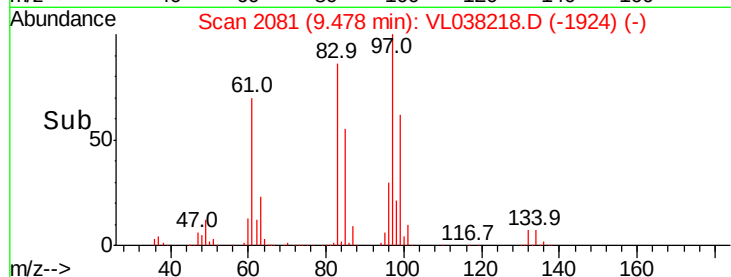
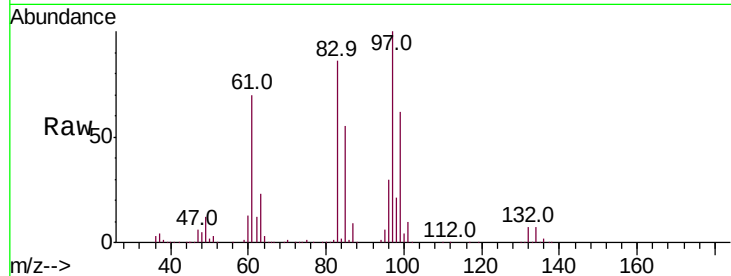
99 61.7 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

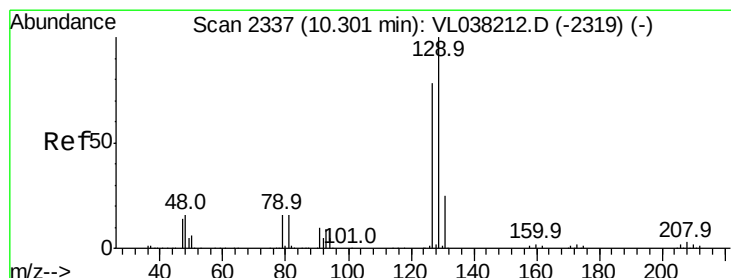
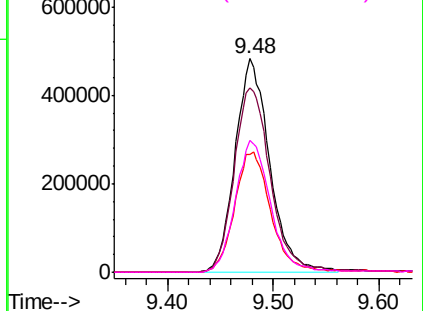


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 14.696 ppbv

RT: 10.31 min Scan# 2339

Delta R.T. 0.01 min

Lab File: VL038218.D

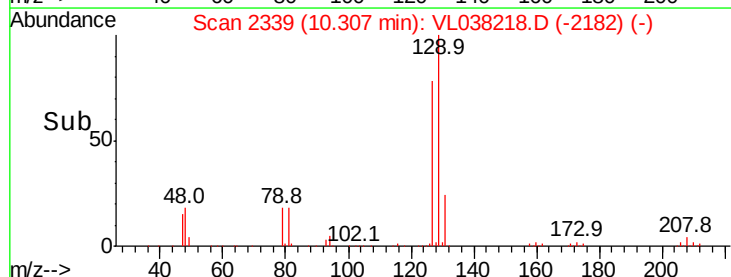
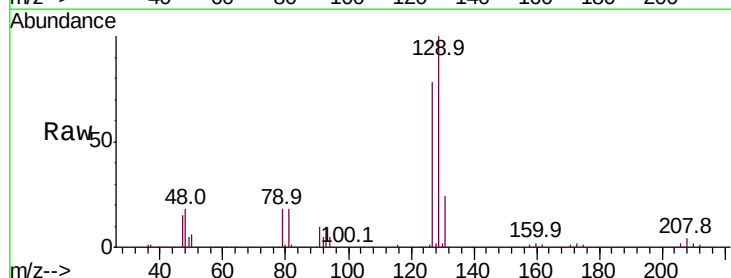
Acq: 21 Dec 2021 17:08

Tgt Ion:129 Resp: 1778319

Ion Ratio Lower Upper

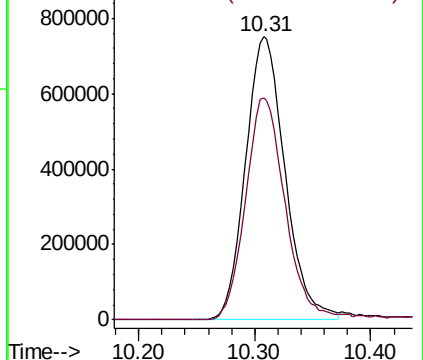
129 100

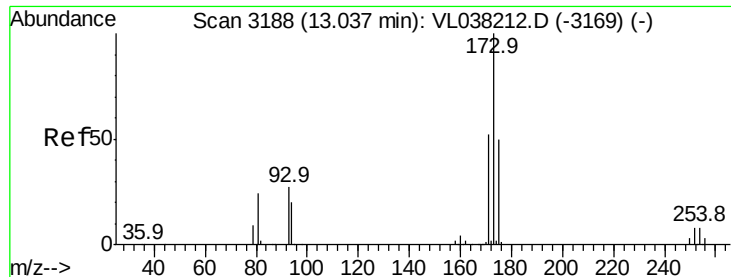
127 82.3 40.2 120.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 15.514 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:1

Ion Ratio

173 100

175 49.

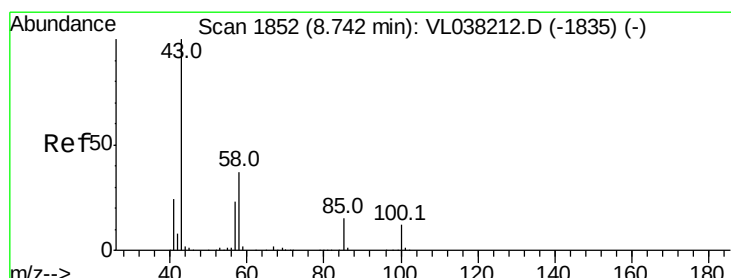
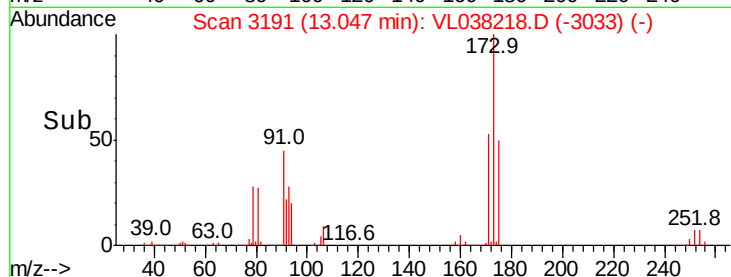
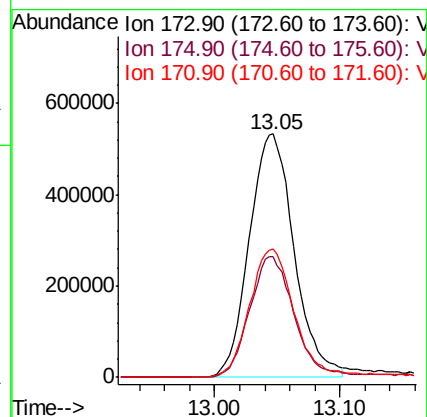
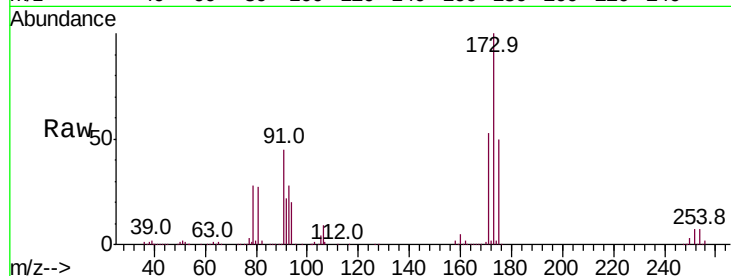
171 55.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#50

4-Methyl-2-Pentanone

Concen: 14.546 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VL038218.D

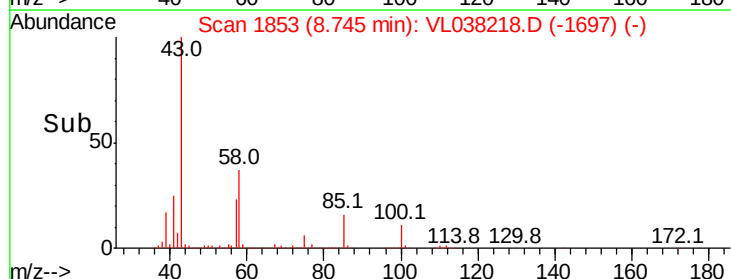
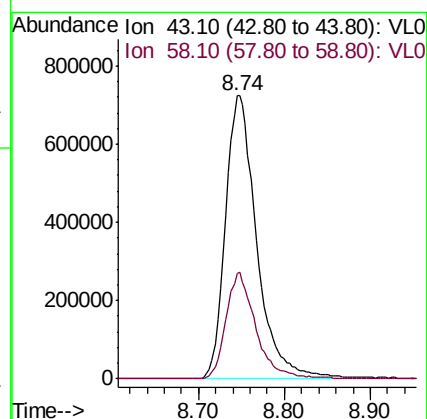
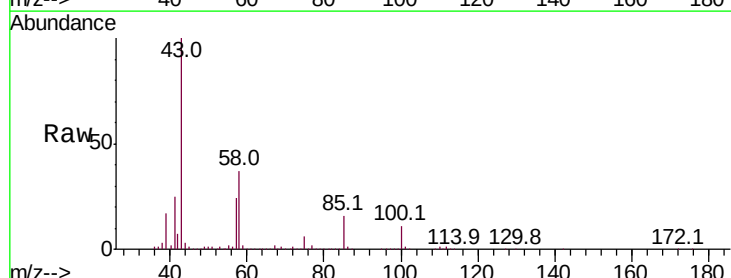
Acq: 21 Dec 2021 17:08

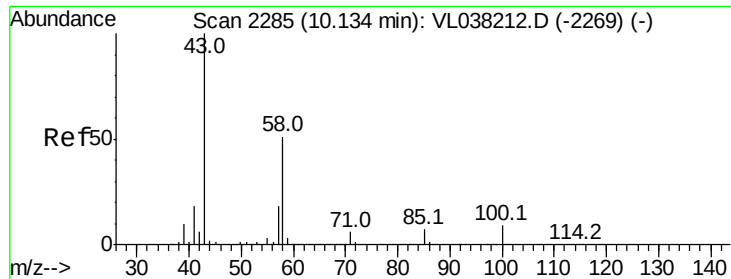
Tgt Ion: 43 Resp: 1827254

Ion Ratio Lower Upper

43 100

58 36.1 29.4 44.2



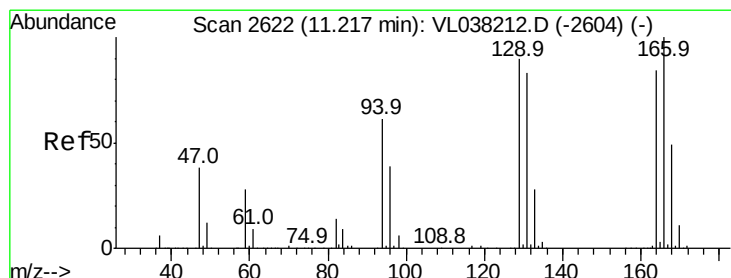
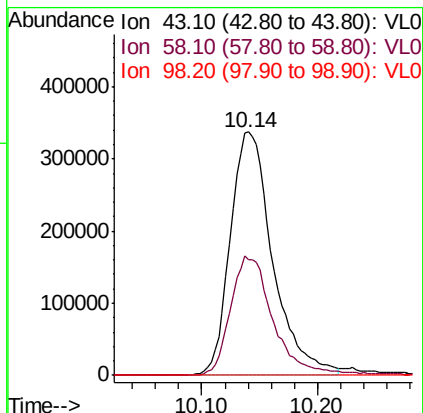
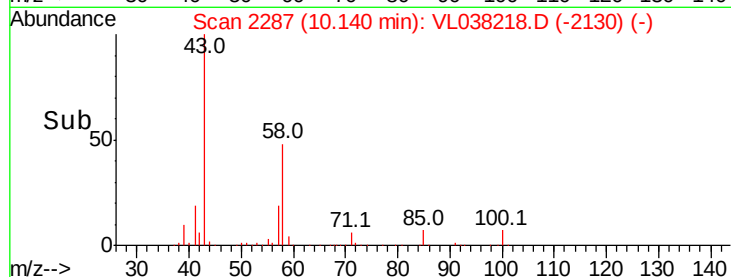
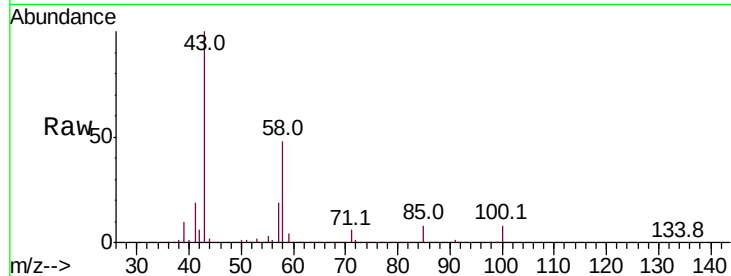


#51
2-Hexanone
Concen: 14.076 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VL038212.D
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.1

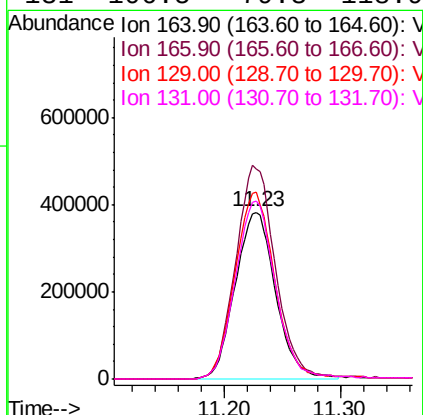
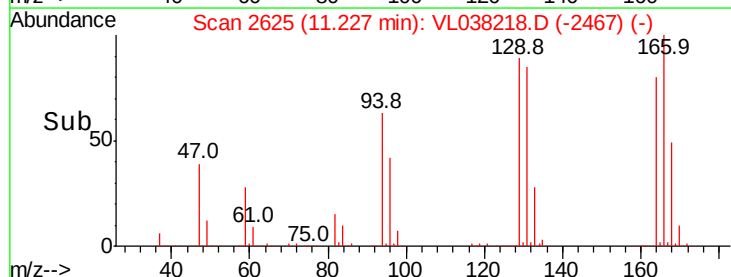
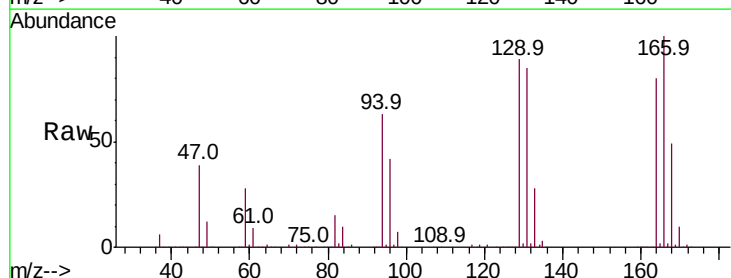
Manual Integrations
APPROVED

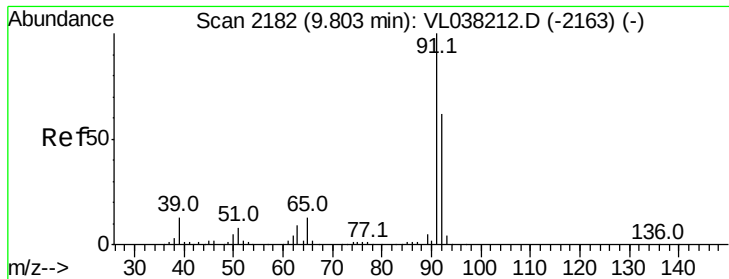
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#52
Tetrachloroethene
Concen: 11.701 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion:164 Resp: 921199
Ion Ratio Lower Upper
164 100
166 125.5 95.6 143.4
129 111.9 85.8 128.8
131 106.5 79.3 118.9





#53

Toluene

Concen: 12.589 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:08 VSTDIC015

Tot Ion:

Ion Ratio

91 100

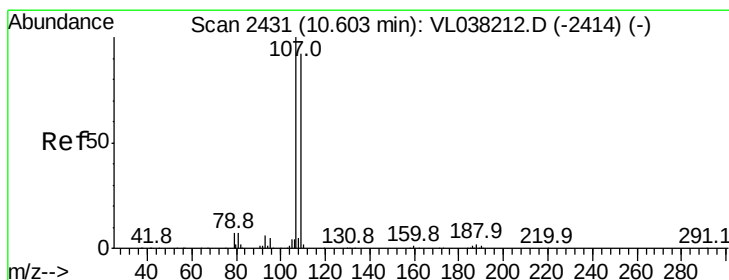
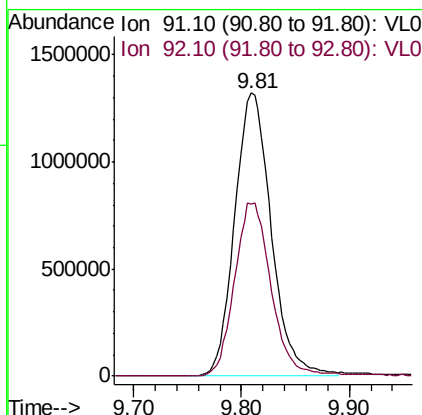
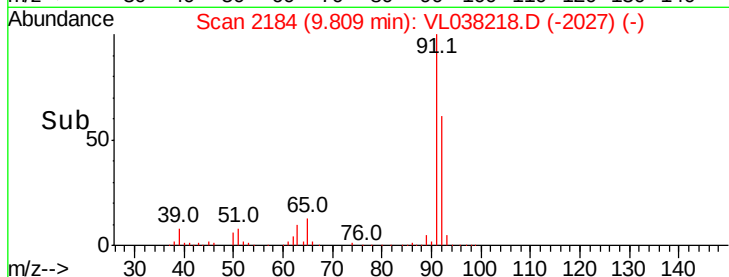
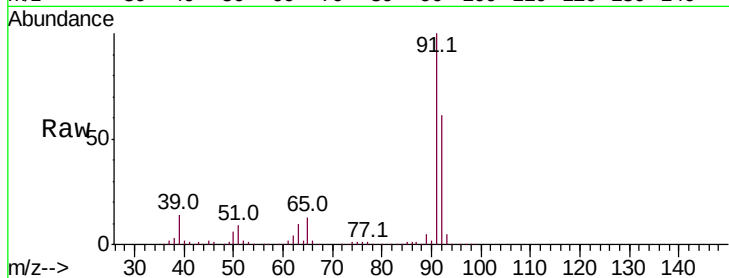
92 62.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 13.405 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038218.D

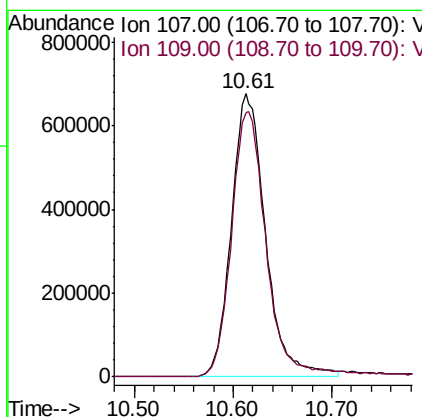
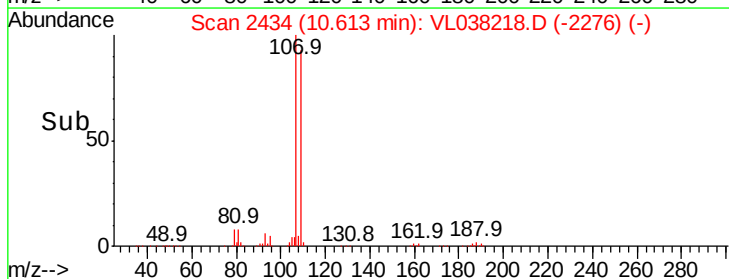
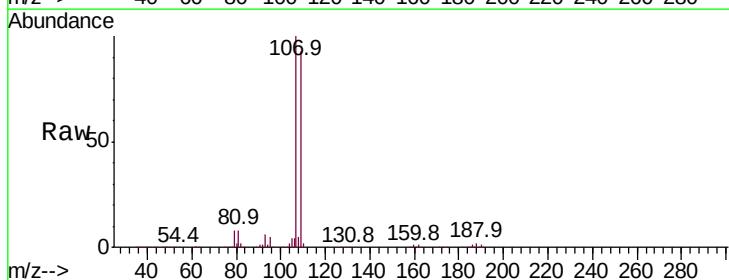
Acq: 21 Dec 2021 17:08

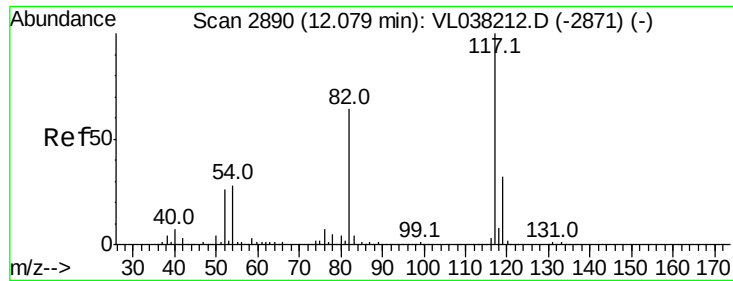
Tgt Ion:107 Resp: 1627792

Ion Ratio Lower Upper

107 100

109 93.4 73.3 109.9



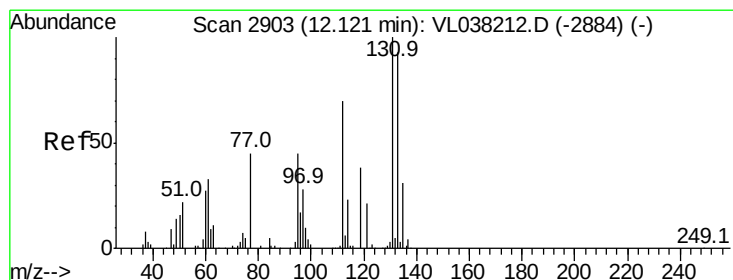
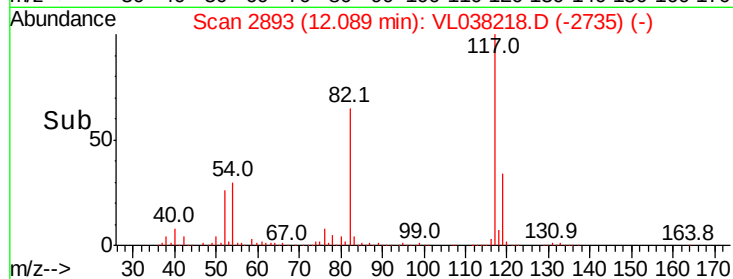
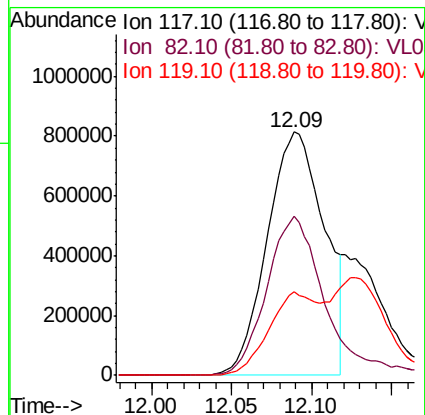
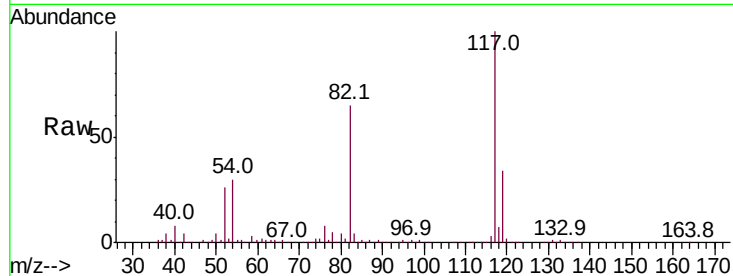


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion:1
Ion Rati
117 100
82 71.
119 0.

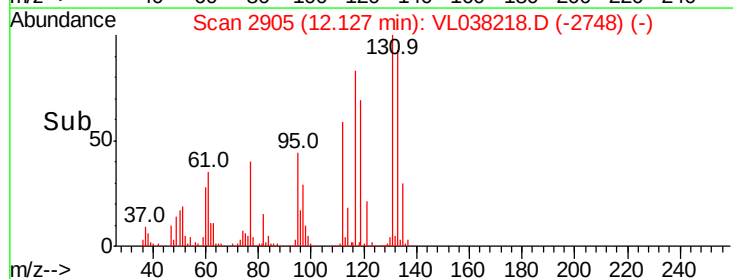
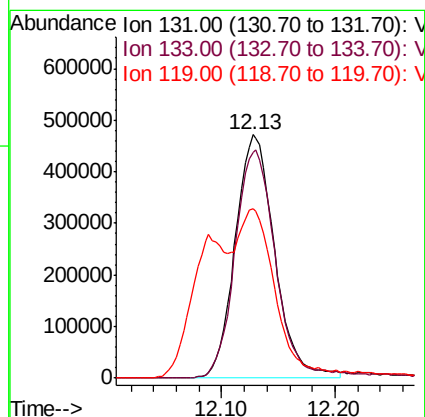
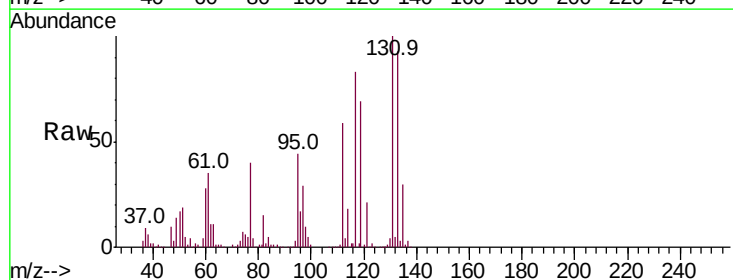
Manual Integrations
APPROVED

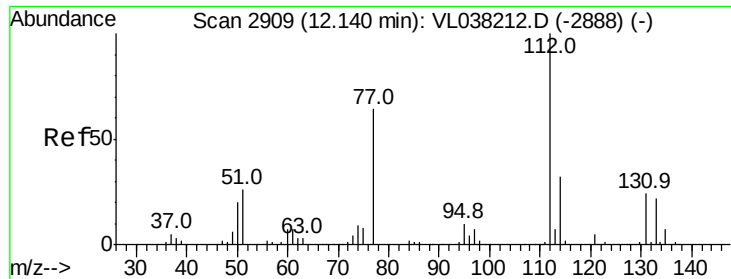
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 13.623 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion:131 Resp: 1147143
Ion Ratio Lower Upper
131 100
133 99.9 77.6 116.4
119 127.6 124.8 187.2



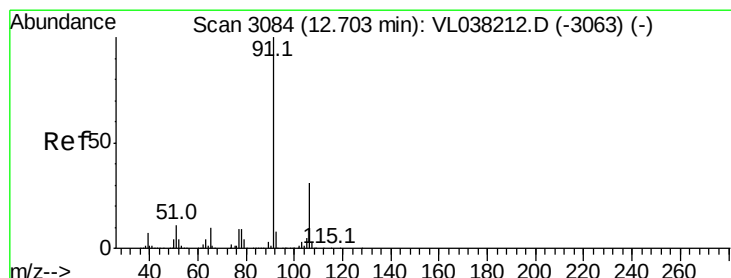
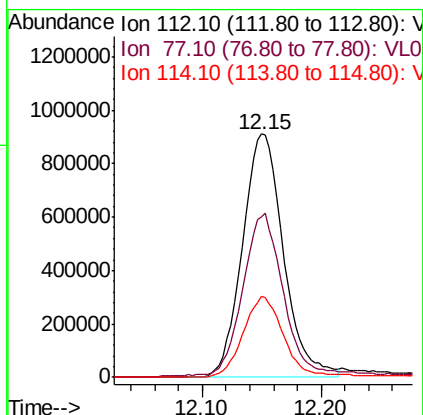
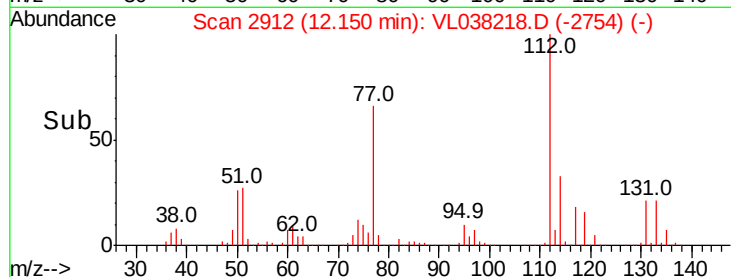
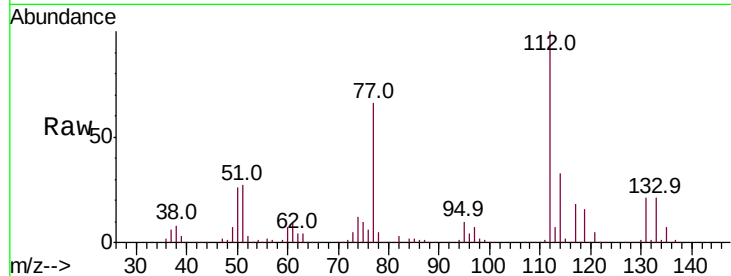


#57
Chlorobenzene
Concen: 12.412 ppbv
RT: 12.15 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion: 1
Ion Ratio
112 100
77 64.
114 33.

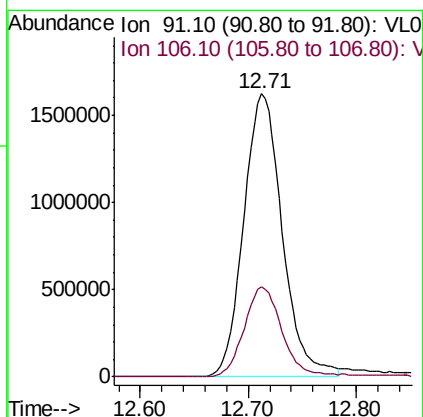
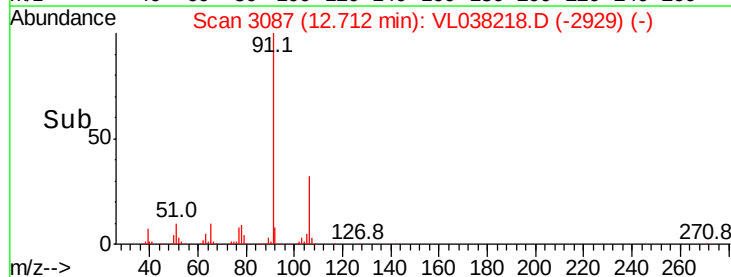
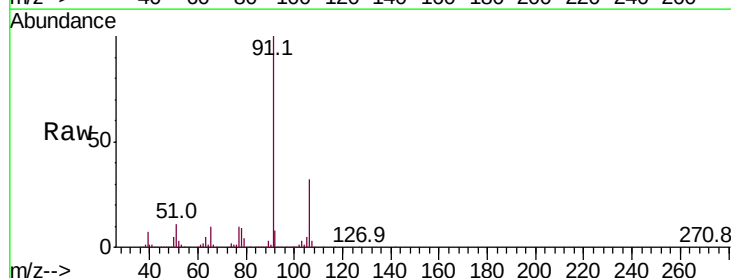
Manual Integrations
APPROVED

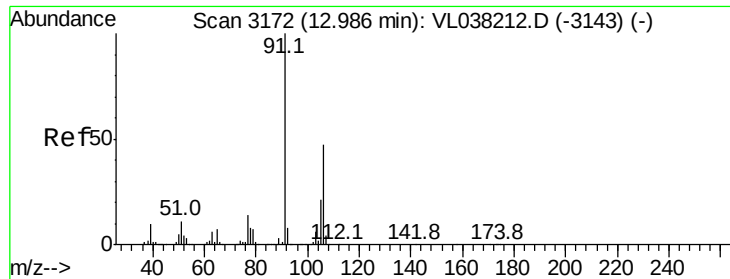
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#58
Ethyl Benzene
Concen: 12.865 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 91 Resp: 4037407
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



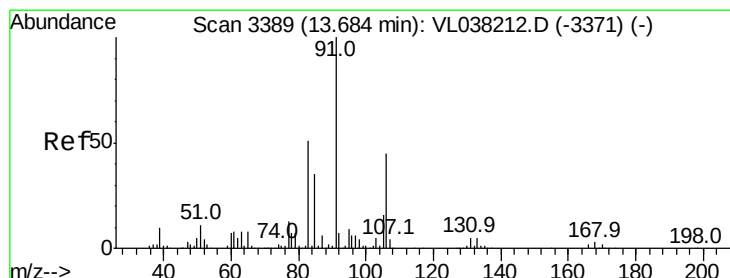
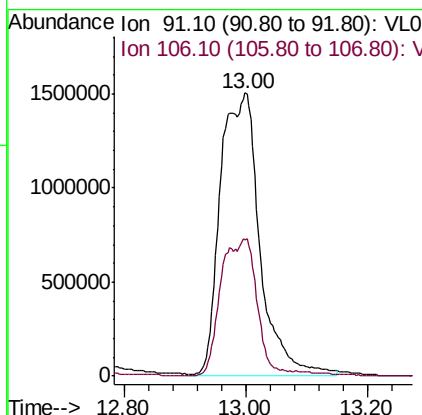
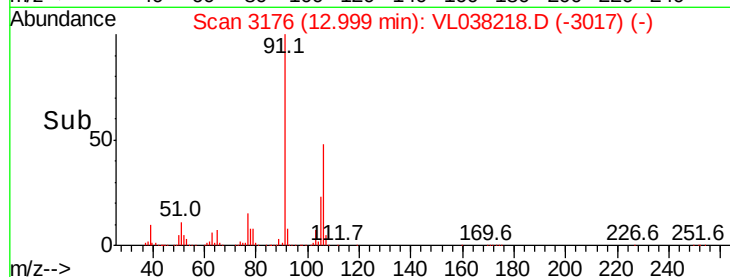
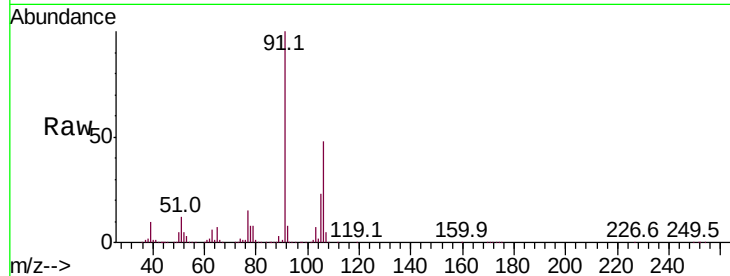


#59
m/p-Xylene
Concen: 25.529 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 17:08

Tot Ion:
Ion Ratio
91 100
106 45.

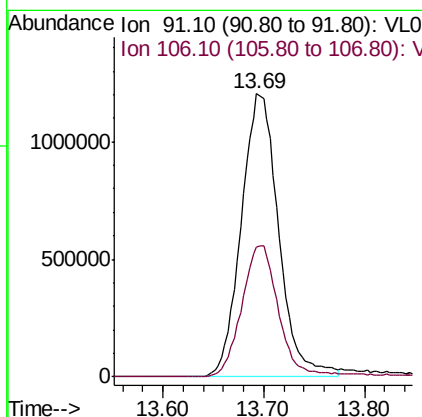
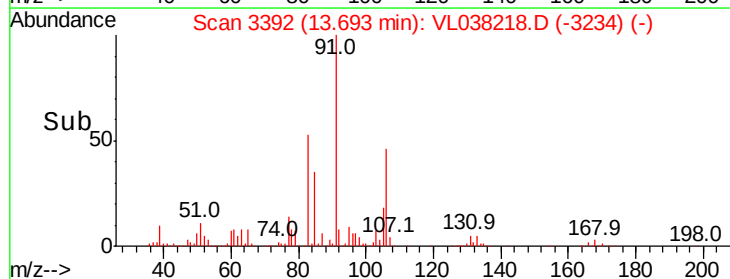
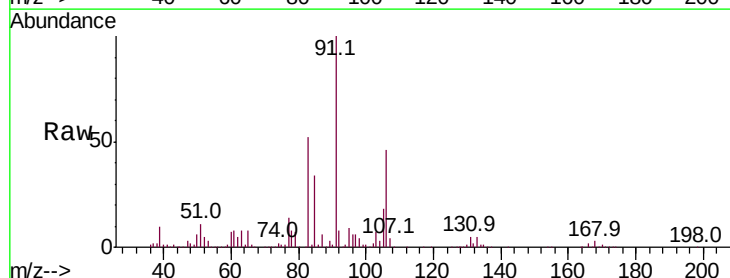
Manual Integrations
APPROVED

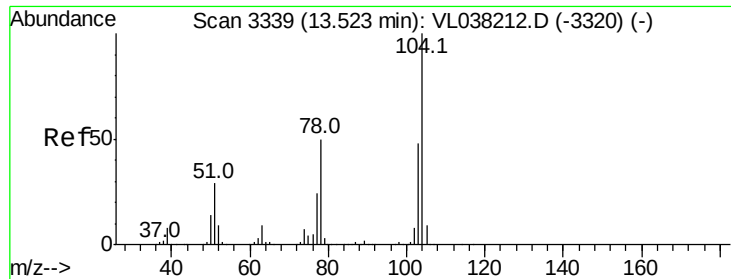
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#60
o-Xylene
Concen: 12.410 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 91 Resp: 3089926
Ion Ratio Lower Upper
91 100
106 46.4 23.5 70.5



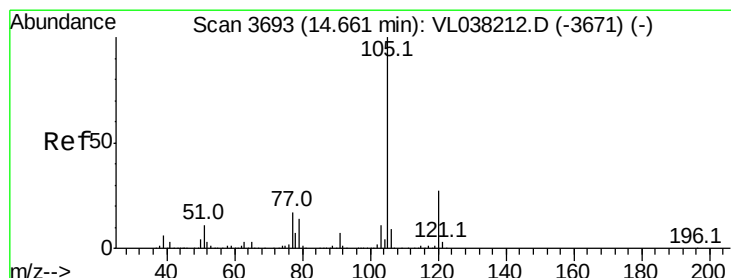
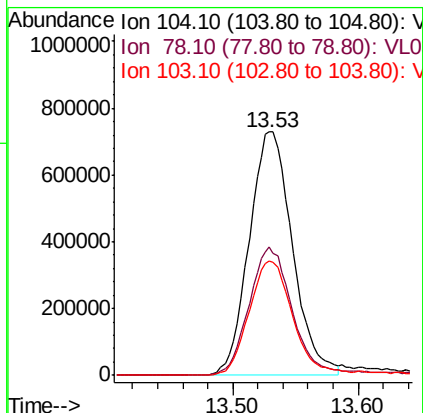
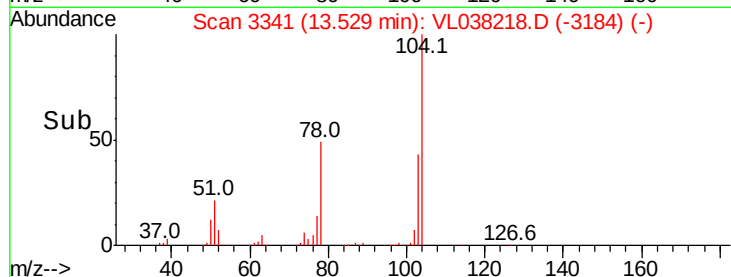
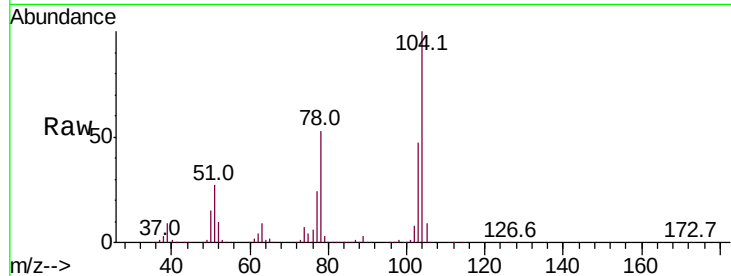


#61
Stvrene
Concen: 13.752 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion:1
Ion Rati
104 100
78 53.
103 48.

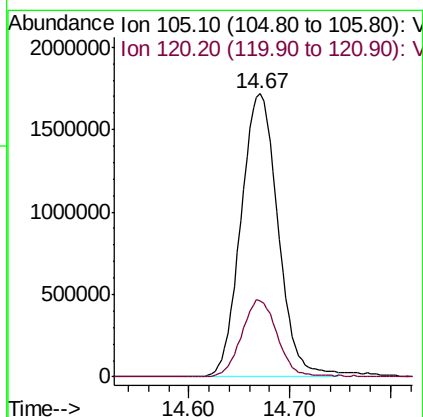
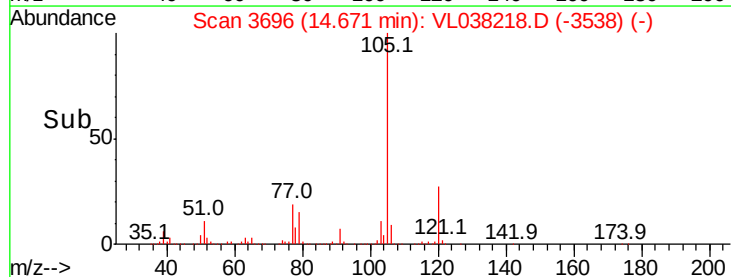
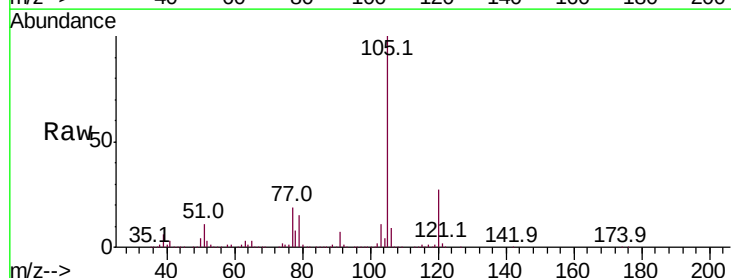
Manual Integrations
APPROVED

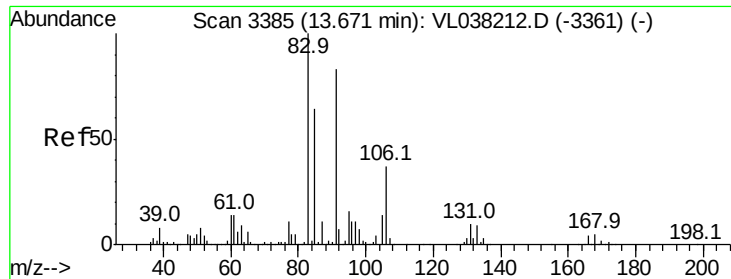
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#62
Isopropylbenzene
Concen: 12.514 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion:105 Resp: 4378440
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6





#63

1,1,2,2-Tetrachloroethane

Concen: 11.705 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

83 100

131 9.

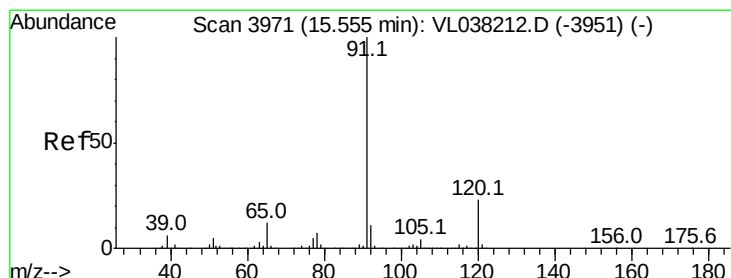
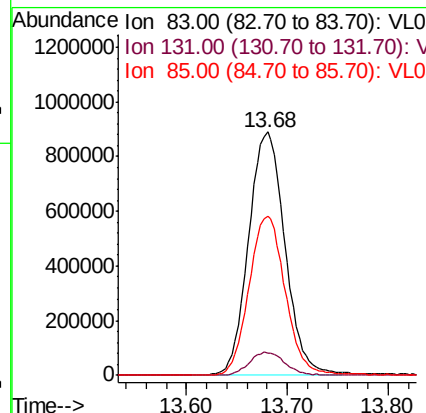
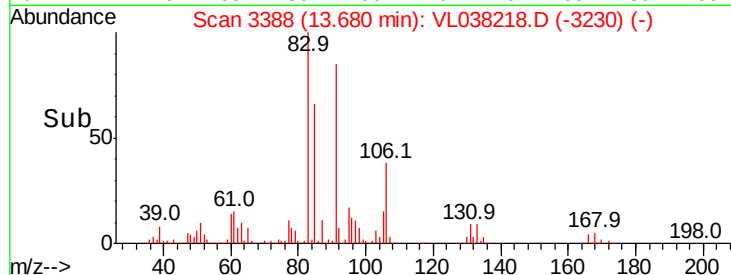
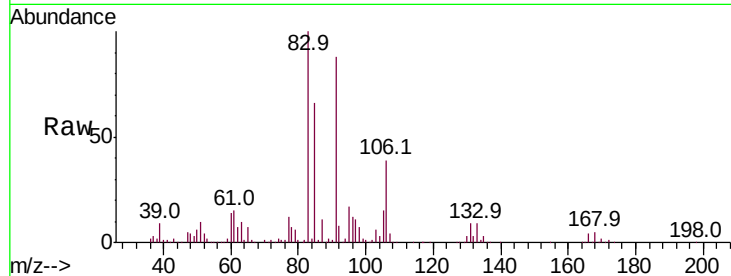
85 66.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#64

n-propylbenzene

Concen: 13.342 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL038218.D

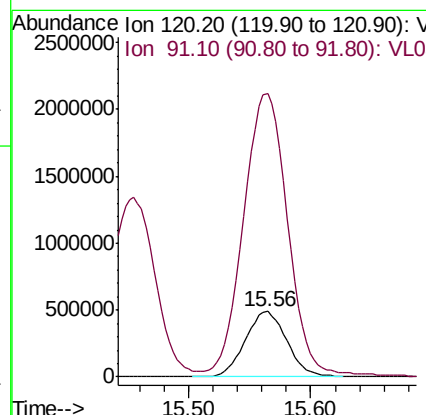
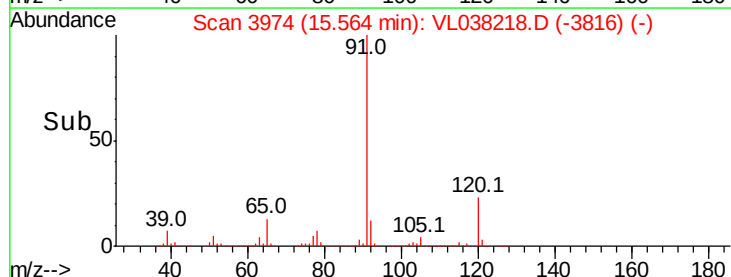
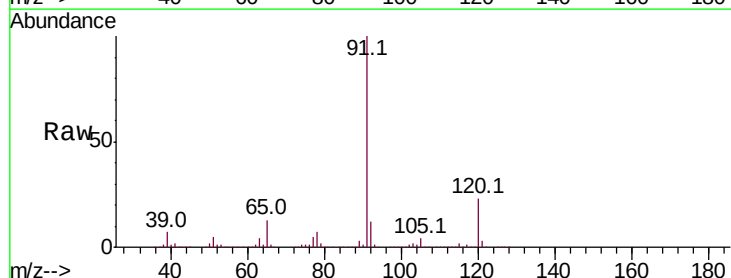
Acq: 21 Dec 2021 17:08

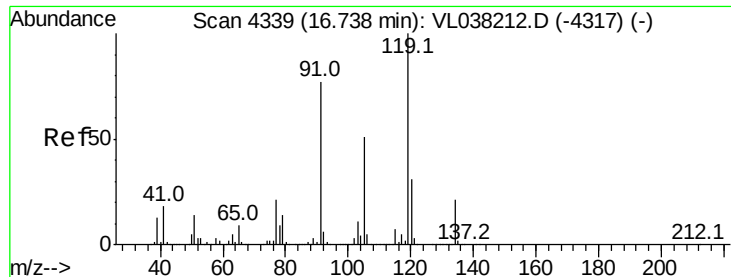
Tgt Ion:120 Resp: 1155033

Ion Ratio Lower Upper

120 100

91 462.0 381.5 572.3



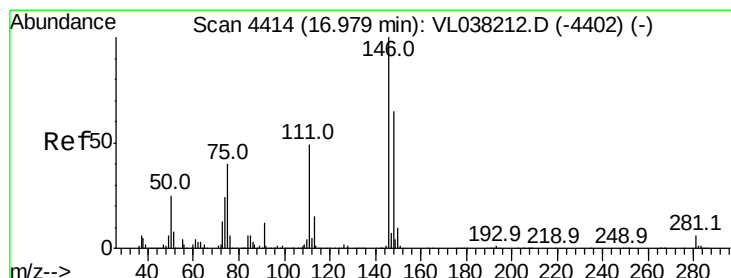
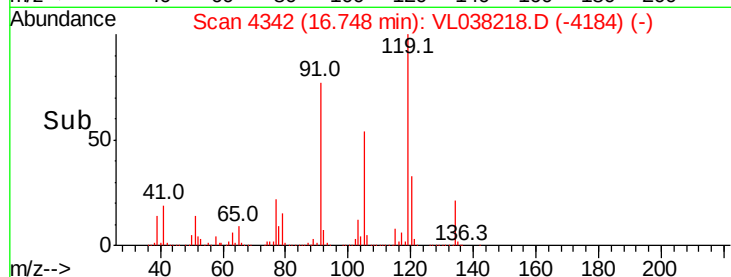
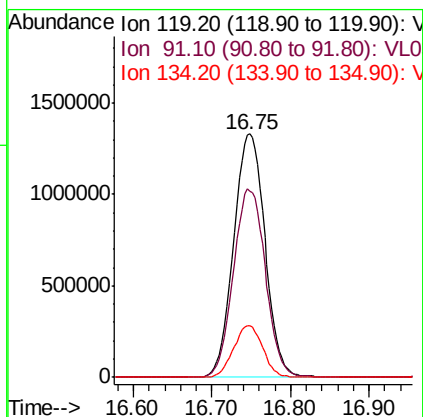
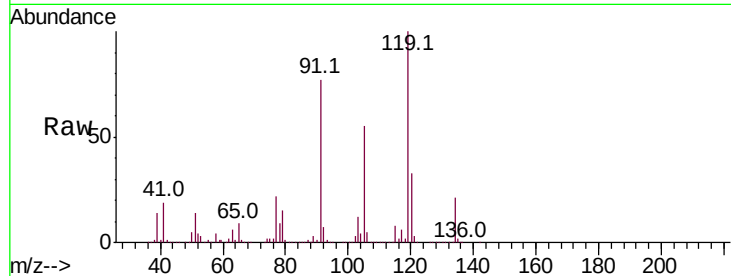


#65
tert-Butylbenzene
Concen: 12.160 ppbv
RT: 16.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion: 1
Ion Ratio
119 100
91 79.
134 19.

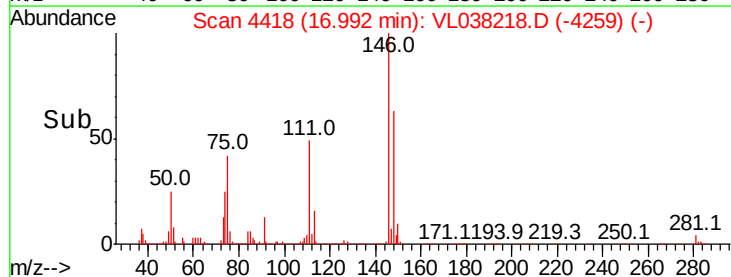
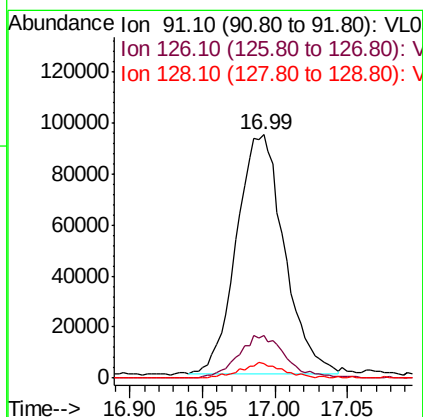
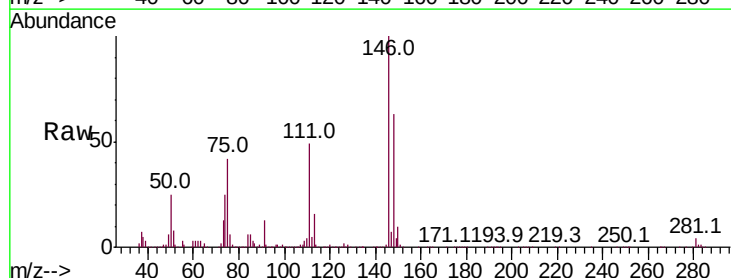
Manual Integrations
APPROVED

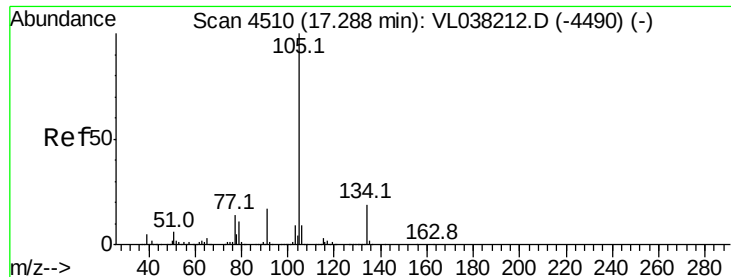
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#66
Benzyl Chloride
Concen: 17.995 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion: 91 Resp: 213741
Ion Ratio Lower Upper
91 100
126 18.3 16.0 24.0
128 6.0 5.0 7.6





#67

sec-Butylbenzene

Concen: 12.493 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08

Tot Ion:1

Ion Ratio

105 100

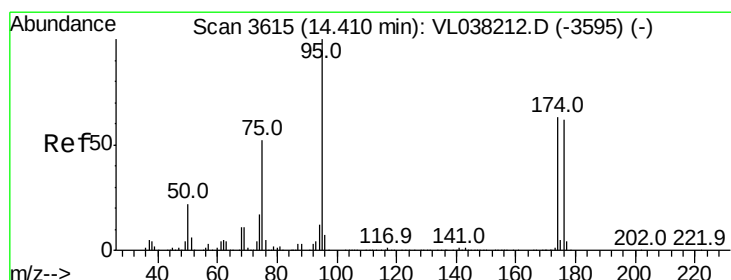
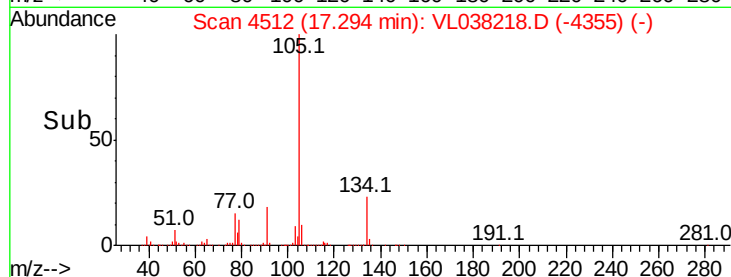
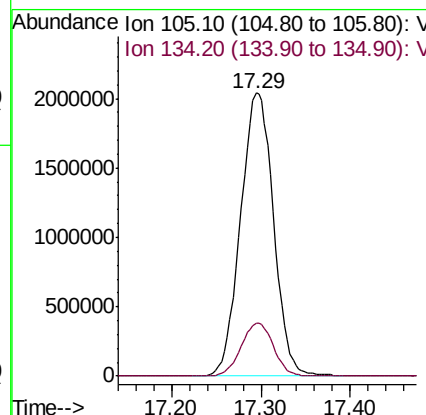
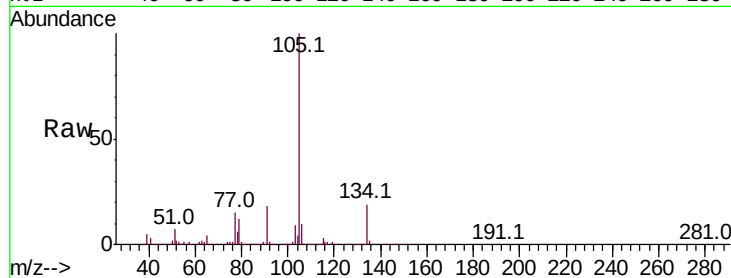
134 18.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.376 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

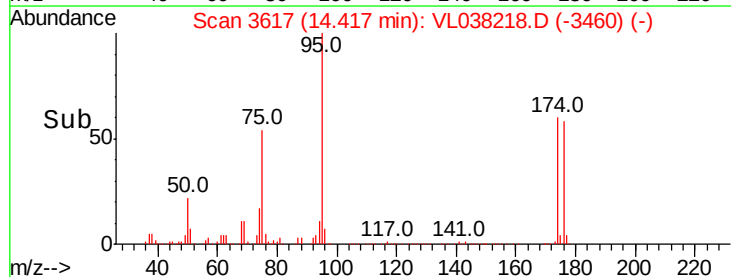
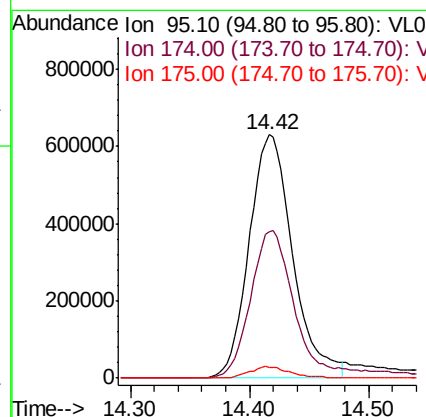
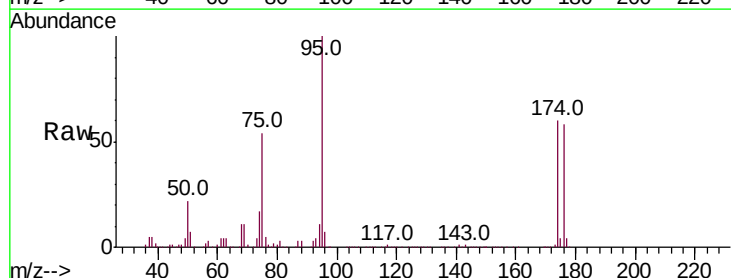
Tgt Ion: 95 Resp: 1599192

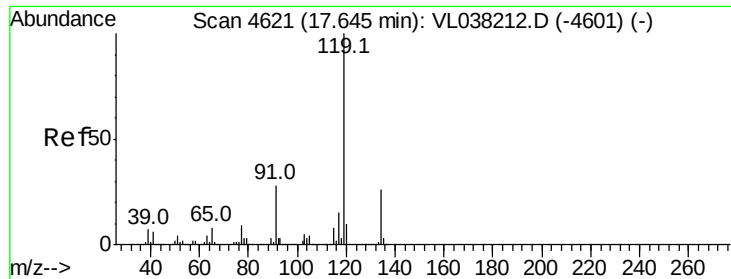
Ion Ratio Lower Upper

95 100

174 64.9 54.6 81.8

175 4.8 4.1 6.1



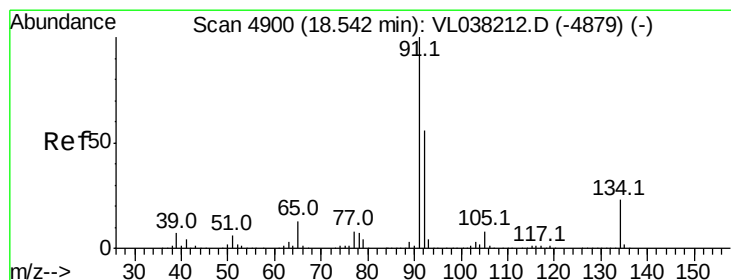
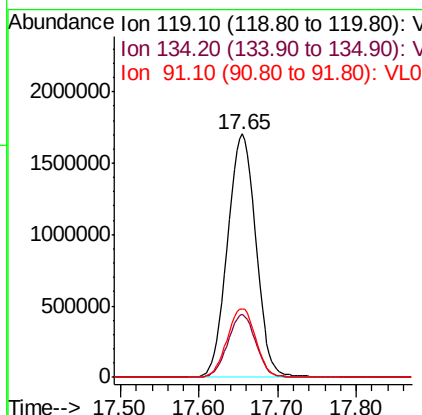
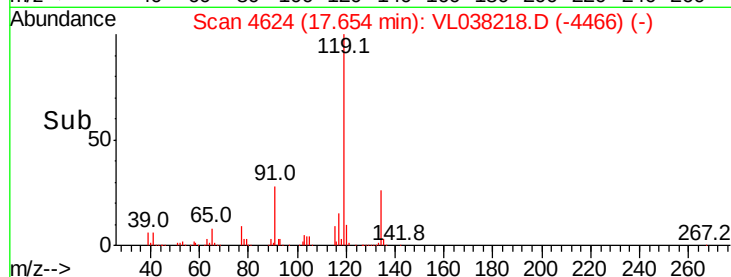
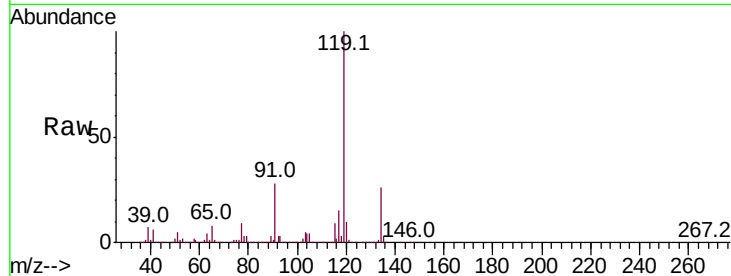


#69
 p-Isopropyltoluene
 Concen: 12.634 ppbv
 RT: 17.65 min
 Delta R.T. 0.01 min
 Lab File: VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 28.

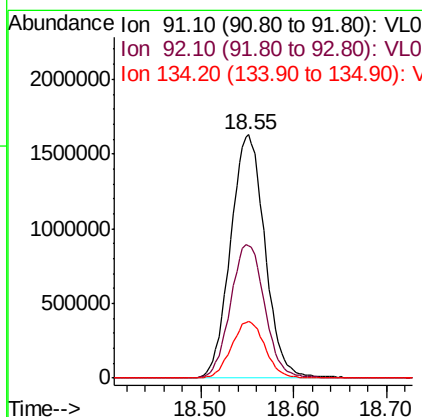
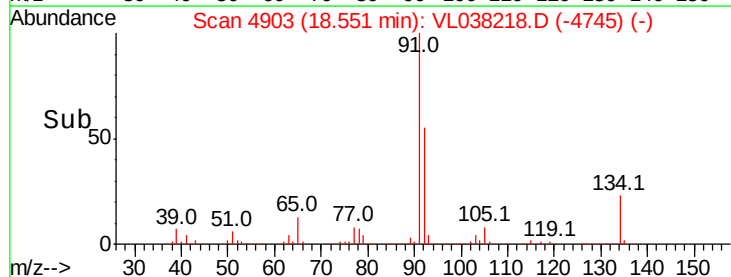
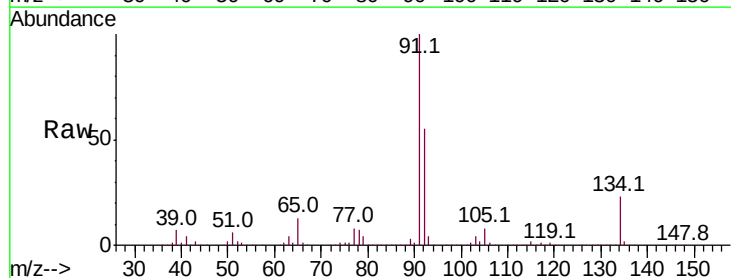
Manual Integrations
 APPROVED

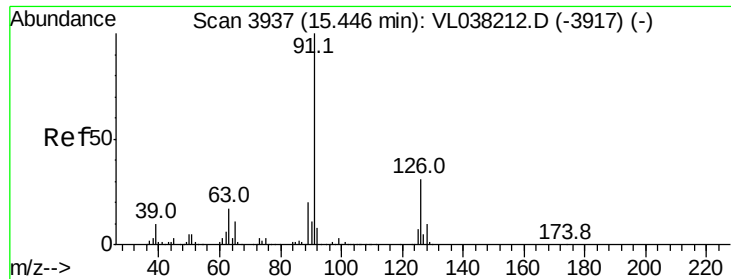
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#70
 n-Butylbenzene
 Concen: 13.039 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.01 min
 Lab File: VL038218.D
 Acq: 21 Dec 2021 17:08

Tgt Ion: 91 Resp: 4178364
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.0 66.0
 134 22.9 18.5 27.7





#71

2-Chlorotoluene

Concen: 13.044 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:08

Tot Ion:

Ion Ratio

91 100

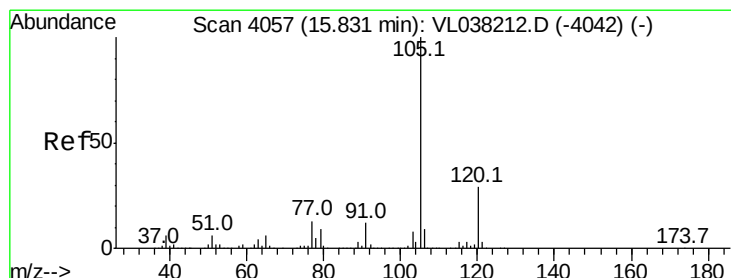
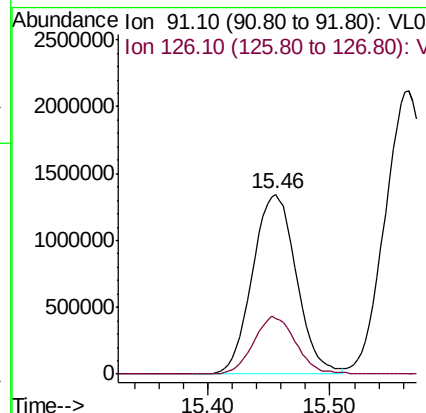
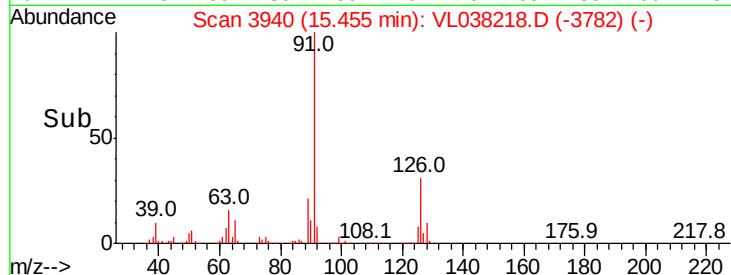
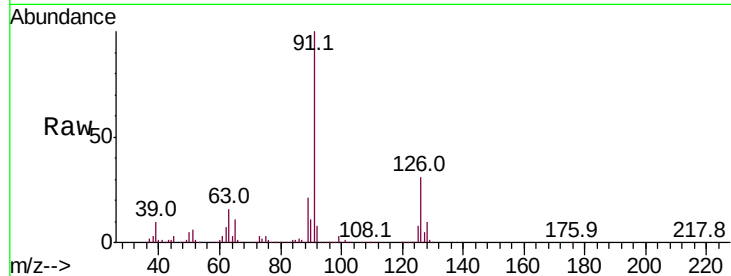
126 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#72

4-Ethyltoluene

Concen: 13.429 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

Tgt Ion:105 Resp: 3836555

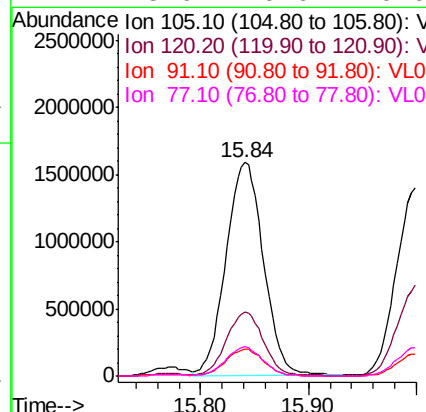
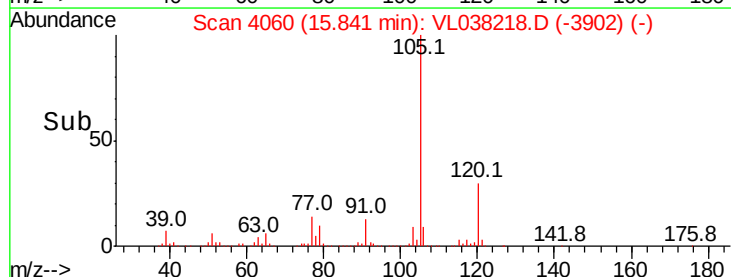
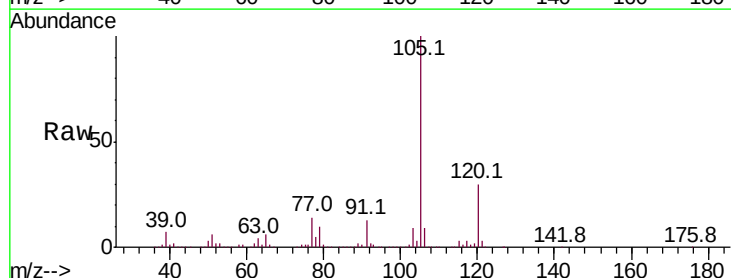
Ion Ratio Lower Upper

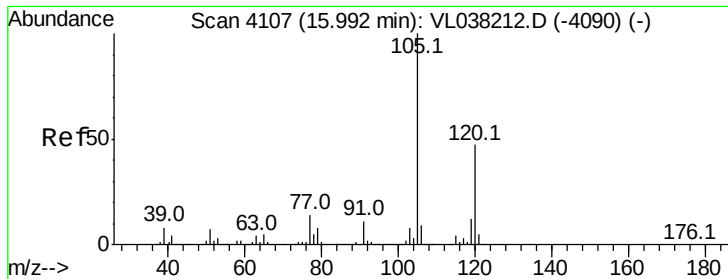
105 100

120 29.9 24.3 36.5

91 12.3 9.8 14.6

77 13.6 10.6 16.0



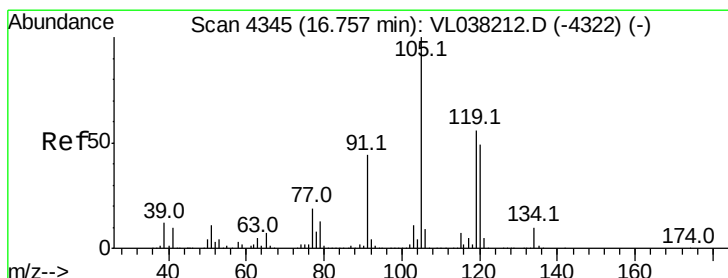
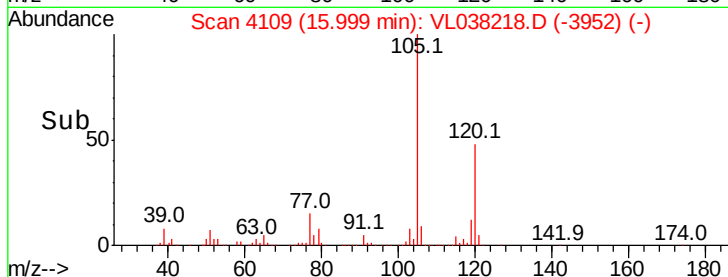
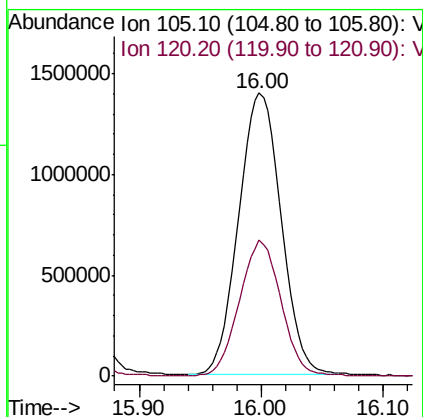
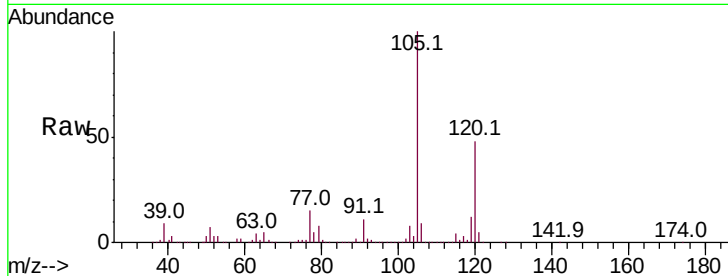


#73
 1,3,5-Trimethylbenzene
 Concen: 13.176 ppbv
 RT: 16.00 min
 Instrument: MSVOA_1
 Delta R.T.: 0.01 min
 Lab File: ClientSampleId : VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion:1
 Ion Rati
 105 100
 120 48.

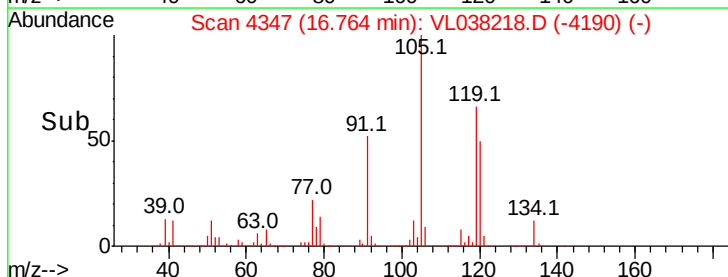
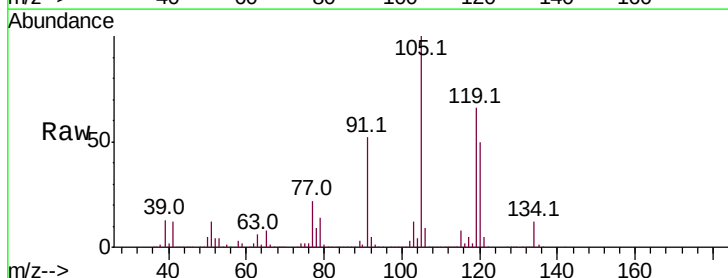
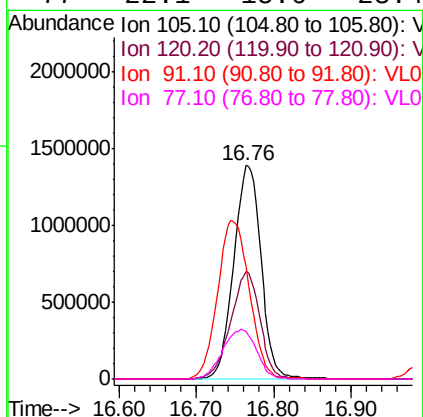
Manual Integrations
 APPROVED

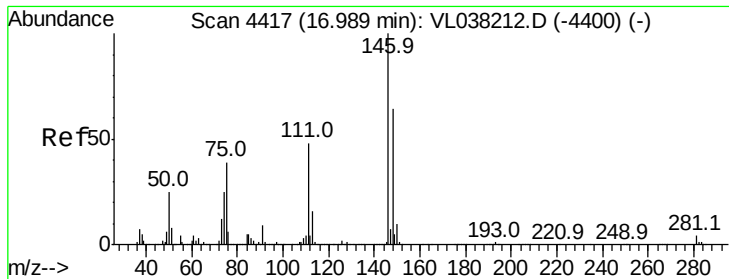
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 12.696 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T.: 0.01 min
 Lab File: VL038218.D
 Acq: 21 Dec 2021 17:08

Tgt Ion:105 Resp: 3385990
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.4 59.2
 91 52.4 35.0 52.4
 77 22.1 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 13.539 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

VSTDIC015

Acq: 21 Dec 2021 17:08

Tot Ion:1

Ion Rati

146 100

111 48.

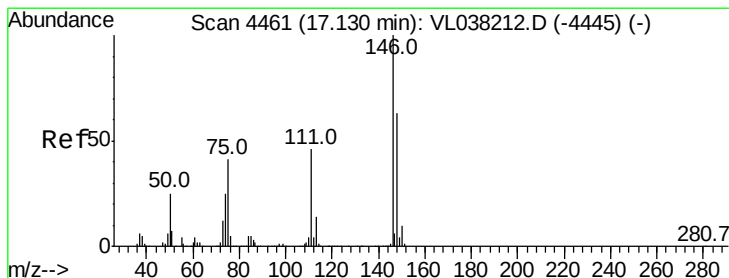
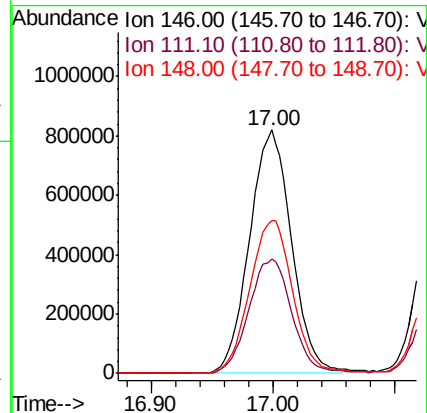
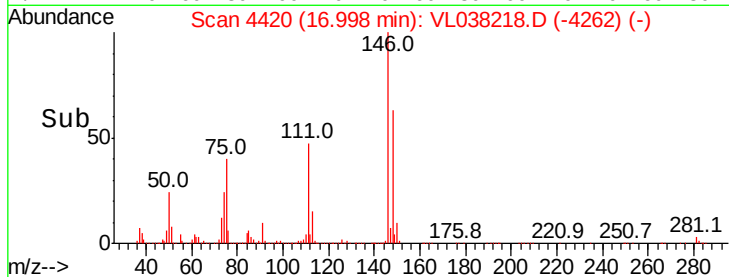
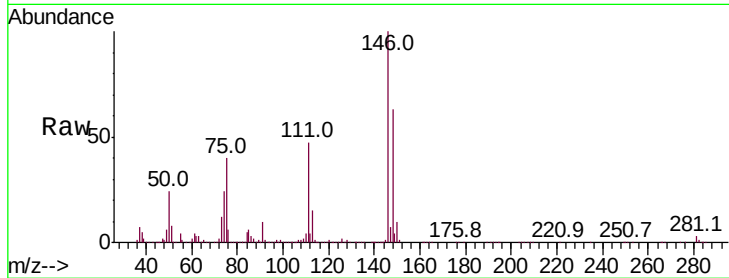
148 64.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#76

1,4-Dichlorobenzene

Concen: 13.300 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

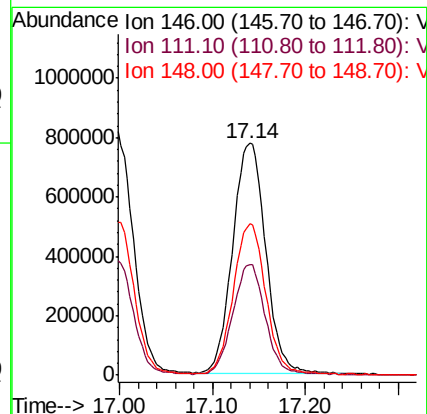
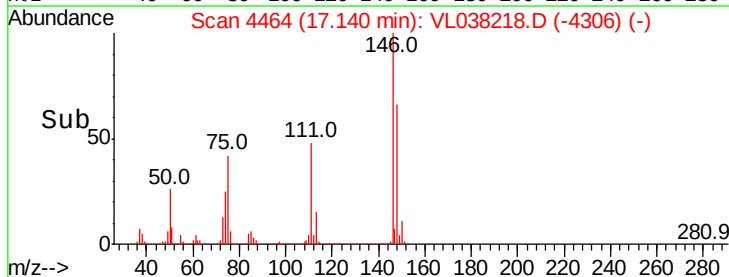
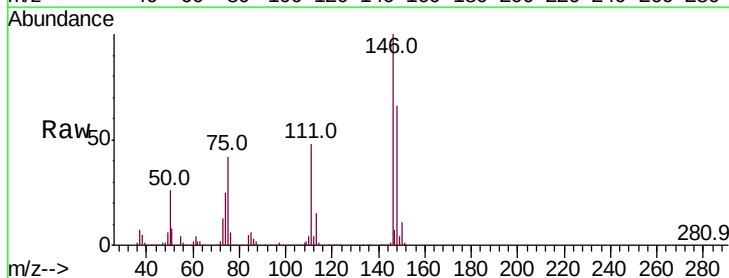
Tgt Ion:146 Resp: 1909688

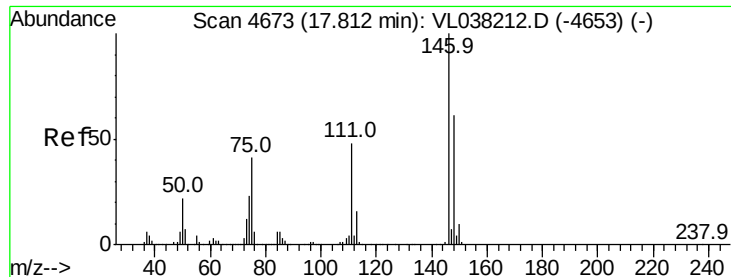
Ion Ratio Lower Upper

146 100

111 48.2 23.6 71.0

148 65.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 13.164 ppbv

RT: 17.82

Delta R.T. MSVOA_L

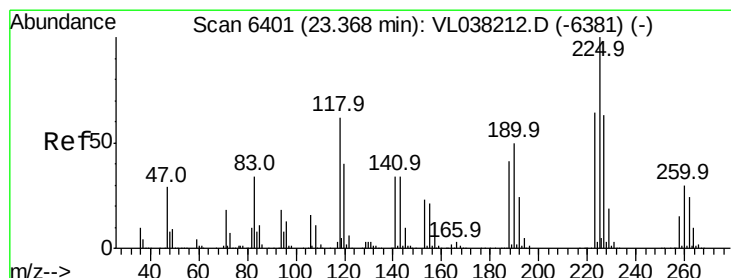
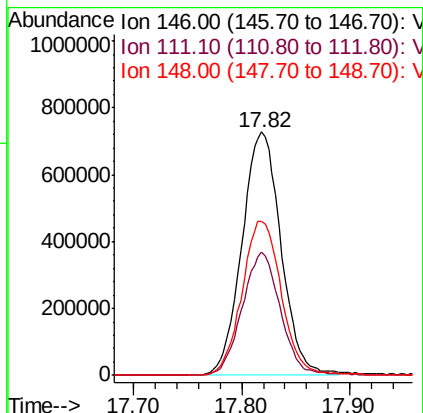
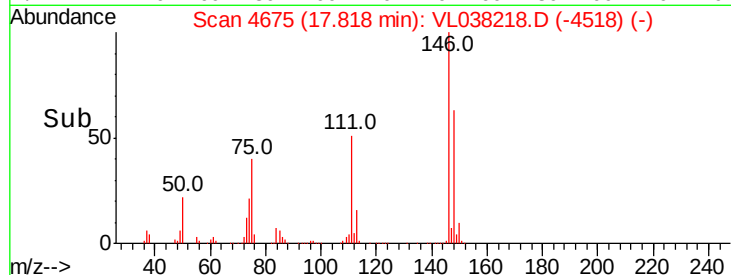
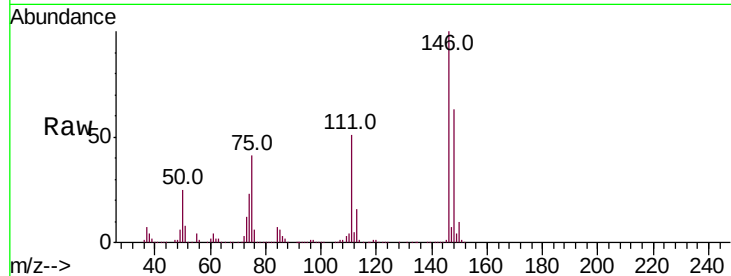
Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:08 VSTDIC015

Tot Ion:1
Ion Rati
146 100
111 49.
148 64.

Manual Integrations
APPROVED

Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 11.559 ppbv

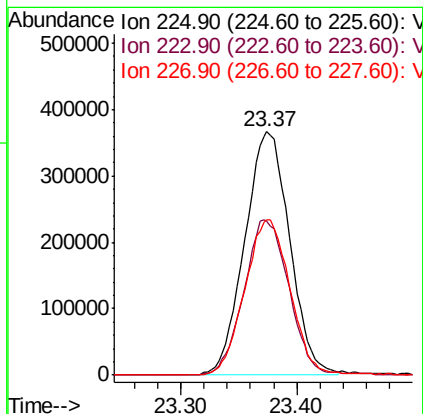
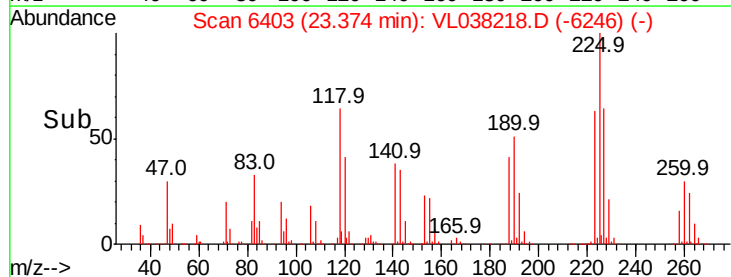
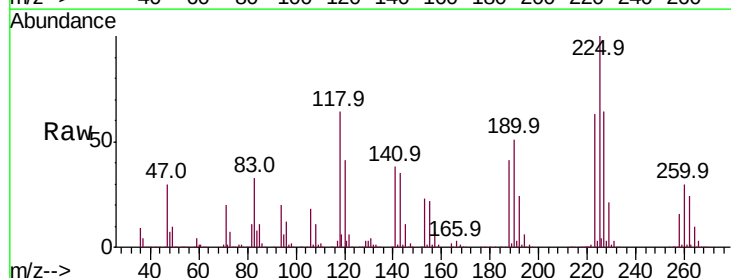
RT: 23.37 min Scan# 6403

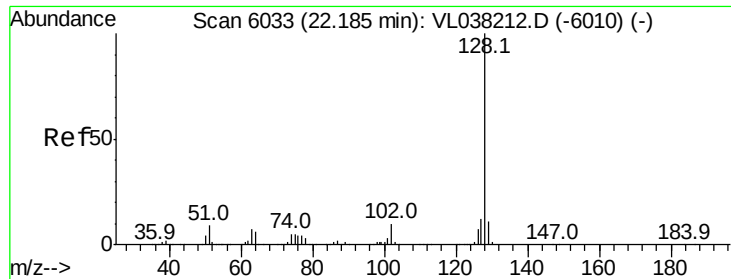
Delta R.T. 0.01 min

Lab File: VL038218.D

Acq: 21 Dec 2021 17:08

Tgt Ion:225 Resp: 988765
Ion Ratio Lower Upper
225 100
223 64.5 51.5 77.3
227 64.6 51.9 77.9



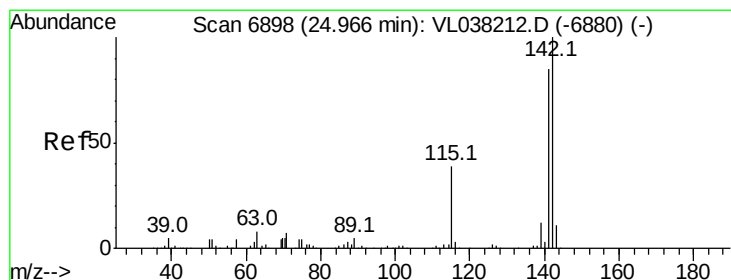
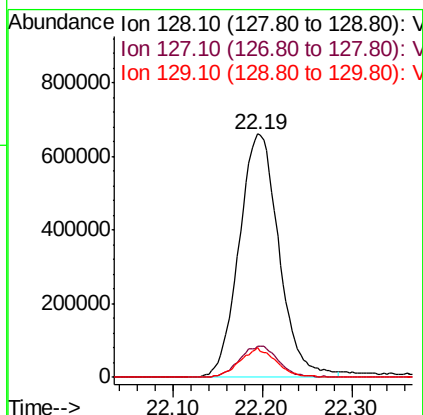
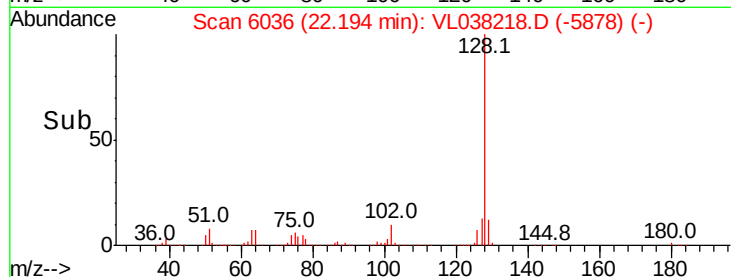
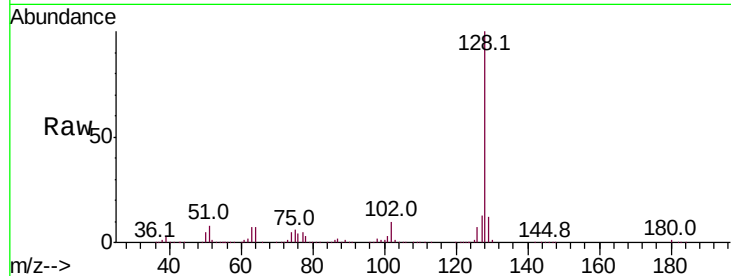


#79
Naphthalene
Concen: 14.805 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 21 Dec 2021 17:08

Tot Ion:1
Ion Rati
128 100
127 12.
129 12.

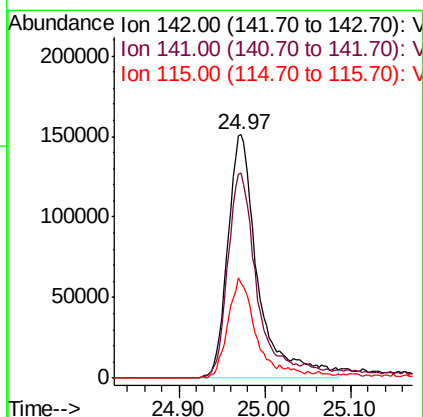
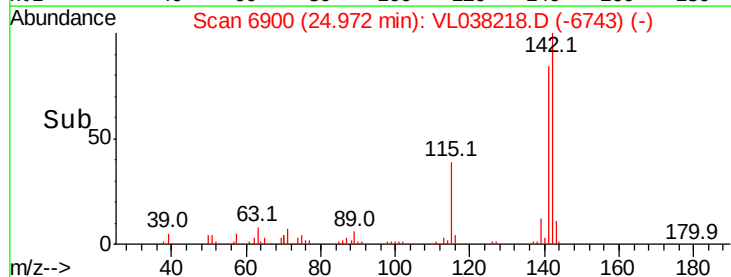
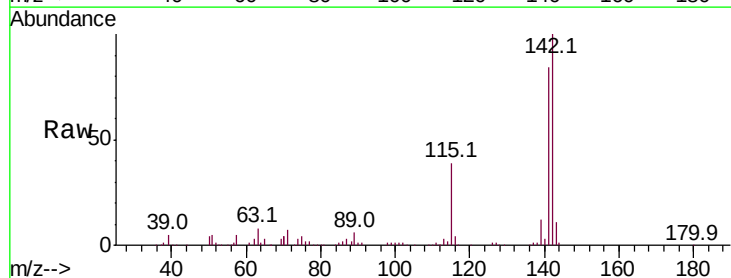
Manual Integrations
APPROVED

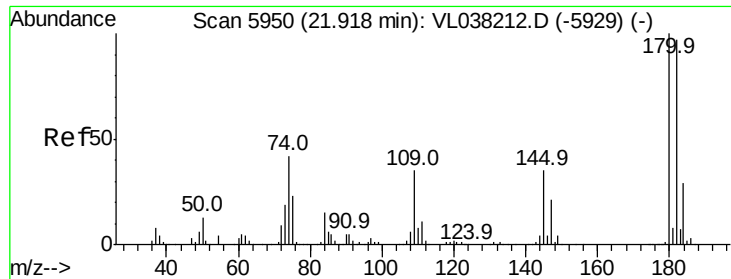
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#80
Naphthalene, 2-methyl-
Concen: 12.358 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038218.D
Acq: 21 Dec 2021 17:08

Tgt Ion:142 Resp: 369427
Ion Ratio Lower Upper
142 100
141 83.5 66.7 100.1
115 38.9 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 13.164 ppbv
 RT: 21.92
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 21 Dec 2021 17:08

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

