

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038215.D
 Acq On : 21 Dec 2021 15:15
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Quant Time: Dec 21 17:44:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 16:38:41 2021
 Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	755083	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2295698	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2031850	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1591195	10.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	94443	0.701 ppbv	95
3) Chlorodifluoromethane	3.00	51	86802	0.544 ppbv	100
4) Chloromethane	3.15	50	31065	0.569 ppbv	95
5) Vinyl Chloride	3.27	62	24370	0.452 ppbv	96
6) Bromomethane	3.48	94	12993	0.446 ppbv	100
7) Chloroethane	3.57	64	9311	0.485 ppbv	91
8) Dichlorotetrafluoroethane	3.20	85	77172	0.602 ppbv	97
9) Propene	3.02	41	30339	0.526 ppbv	97
10) Heptane	8.12	43	74914	0.522 ppbv	96
11) Trichlorofluoromethane	3.96	101	70165	0.555 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	54499	0.587 ppbv	98
13) Ethanol	3.64	45	6191m	0.644 ppbv	
14) Bromoethene	3.75	108	21733m	0.564 ppbv	
15) Acetone	3.88	43	46657	0.659 ppbv	99
16) 1,3-Butadiene	3.33	39	28420	0.554 ppbv	98
17) tert-Butyl alcohol	4.33	59	50702m	0.626 ppbv	
18) 1,1-Dichloroethene	4.30	96	22703	0.547 ppbv	99
19) Isopropyl Alcohol	4.00	45	30503m	0.650 ppbv	
20) Methylene Chloride	4.35	84	27504	0.684 ppbv	90
21) Allyl Chloride	4.42	41	32892	0.521 ppbv	94
22) trans-1,2-Dichloroethene	4.90	96	22242	0.525 ppbv	88
23) Vinyl Acetate	5.09	43	50806	0.510 ppbv #	95
24) 1,1-Dichloroethane	5.02	63	49405	0.566 ppbv	98
25) Ethyl Acetate	5.69	43	104695	0.491 ppbv #	94
26) Hexane	5.69	57	58328m	0.560 ppbv	
27) Carbon Disulfide	4.56	76	39706	0.429 ppbv #	86
28) Methyl tert-Butyl Ether	5.06	73	56273m	0.576 ppbv	
29) Chloroform	5.76	83	83369	0.544 ppbv	91
30) Cyclohexane	7.13	84	48032	0.507 ppbv	94
31) cis-1,2-Dichloroethene	5.55	61	41106	0.476 ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	69652	0.447 ppbv	89
34) 2-Butanone	5.27	43	35818	0.449 ppbv	96
35) Carbon Tetrachloride	7.02	117	70709	0.461 ppbv	93
36) Benzene	6.89	78	116117	0.528 ppbv	99
37) 1,2-Dichloroethane	6.31	62	57064	0.531 ppbv	98
38) Trichloroethene	7.83	130	41293	0.493 ppbv #	88
39) 1,2-Dichloropropane	7.61	63	44993m	0.530 ppbv	
40) 1,4-Dioxane	7.88	88	14372m	0.614 ppbv	
41) Tetrahydrofuran	6.10	42	29885m	0.572 ppbv	
42) Bromodichloromethane	7.79	83	75848	0.482 ppbv	93
43) Methyl Methacrylate	8.02	69	36090	0.478 ppbv	86

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Manual Integrations
 APPROVED

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

Quant Time: Dec 21 17:44:42 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	205882	0.559	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	22752m	0.396	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	34010	0.429	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	46377	0.528	ppbv	96
48) Dibromochloromethane	10.30	129	53915m	0.422	ppbv	
49) Bromoform	13.03	173	34704m	0.385	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	60182	0.457	ppbv	95
51) 2-Hexanone	10.17	43	34622m	0.573	ppbv	
52) Tetrachloroethene	11.22	164	41642	0.507	ppbv	88
53) Toluene	9.81	91	135610	0.537	ppbv	100
54) 1,2-Dibromoethane	10.61	107	63594	0.513	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	43749m	0.505	ppbv	
57) Chlorobenzene	12.14	112	105020m	0.600	ppbv	
58) Ethyl Benzene	12.71	91	178607	0.558	ppbv	92
59) m/p-Xylene	12.99	91	308394m	1.141	ppbv	
60) o-Xylene	13.69	91	143498	0.568	ppbv	98
61) Styrene	13.52	104	64486	0.495	ppbv	98
62) Isopropylbenzene	14.66	105	200169	0.562	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	99177	0.527	ppbv	97
64) n-propylbenzene	15.56	120	46076m	0.511	ppbv	
65) tert-Butylbenzene	16.74	119	176722m	0.564	ppbv	
66) Benzyl Chloride	16.99	91	5409m	0.417	ppbv	
67) sec-Butylbenzene	17.29	105	234422	0.539	ppbv	100
69) p-Isopropyltoluene	17.64	119	190308m	0.557	ppbv	
70) n-Butylbenzene	18.55	91	176579m	0.542	ppbv	
71) 2-Chlorotoluene	15.45	91	145807m	0.556	ppbv	
72) 4-Ethyltoluene	15.83	105	152056	0.521	ppbv	96
73) 1,3,5-Trimethylbenzene	16.00	105	133743	0.501	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	141546	0.514	ppbv	92
75) 1,3-Dichlorobenzene	17.00	146	73590	0.491	ppbv	90
76) 1,4-Dichlorobenzene	17.13	146	85962m	0.594	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	75019	0.520	ppbv	93
78) Hexachloro-1,3-Butadiene	23.37	225	49378	0.552	ppbv	98
79) Naphthalene	22.20	128	59890	0.416	ppbv	98
80) Naphthalene,2-methyl-	25.01	142	11331m	0.375	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	41051m	0.501	ppbv	

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

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Sample : VSTDICC0.5
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

Quant Time: Dec 21 17:44:42 2021

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL122121

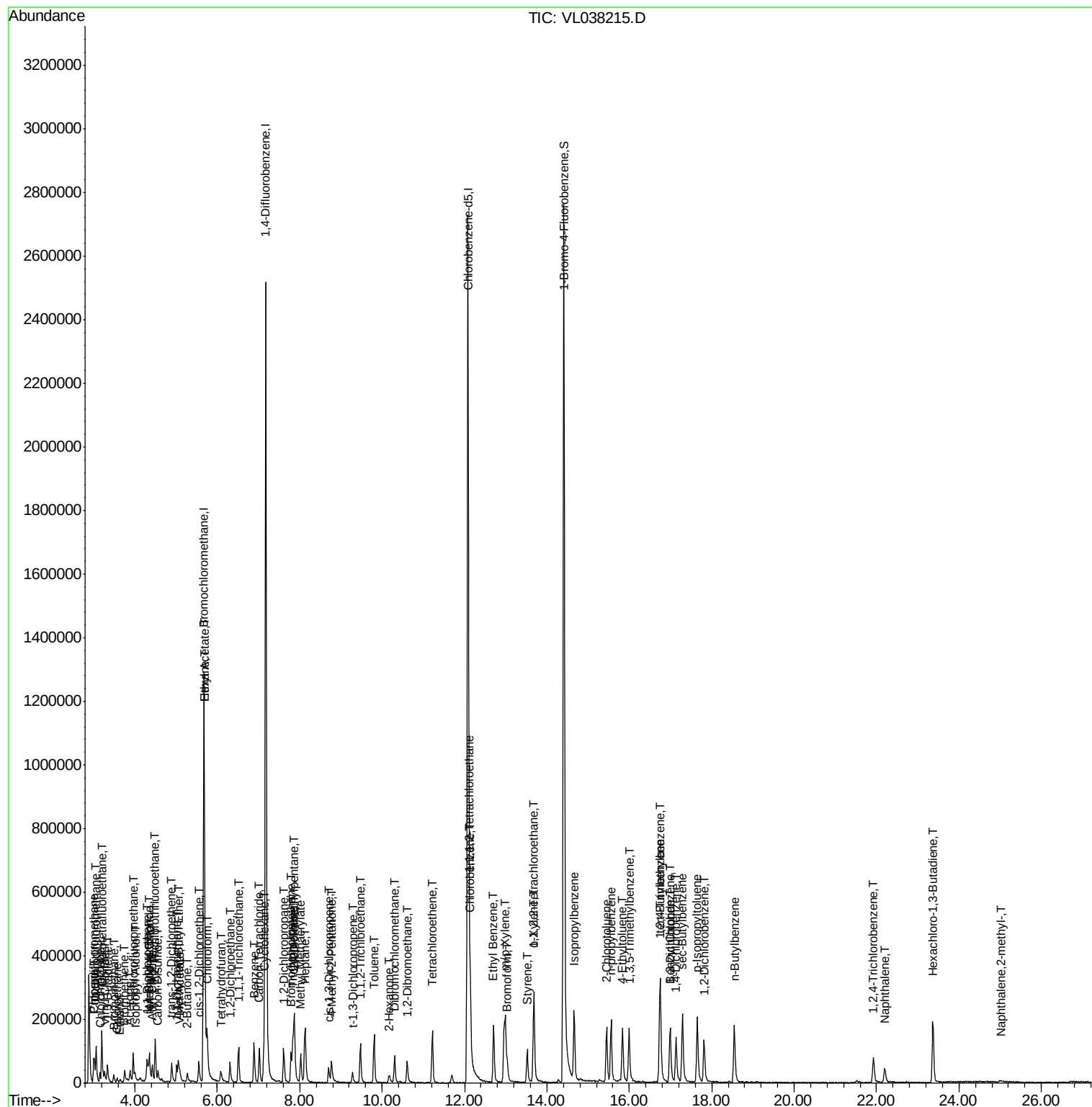
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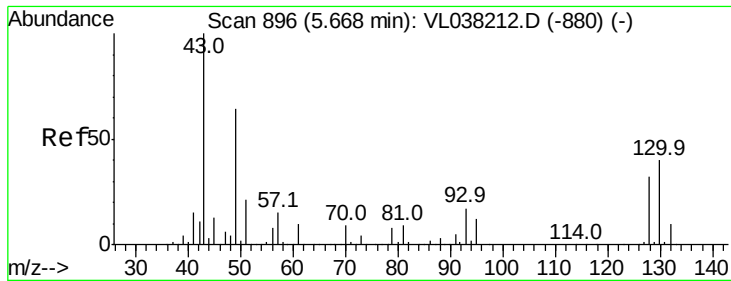
QLast Update : Tue Dec 21 16:38:41 2021

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:

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

49 100

128 50.

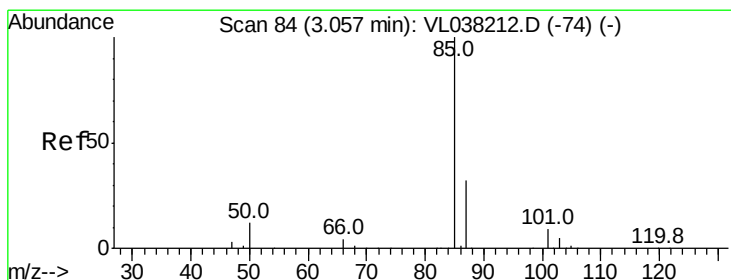
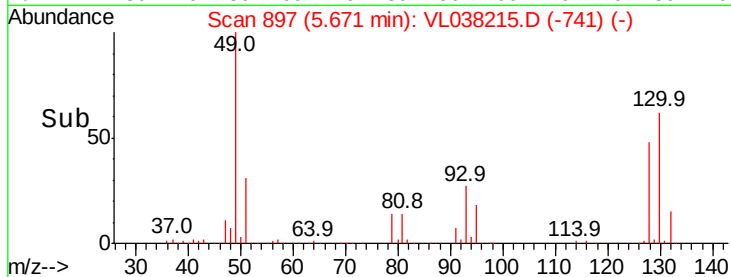
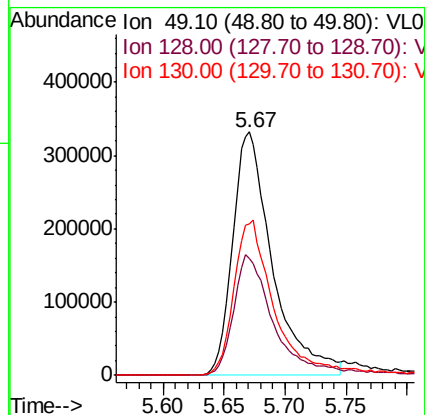
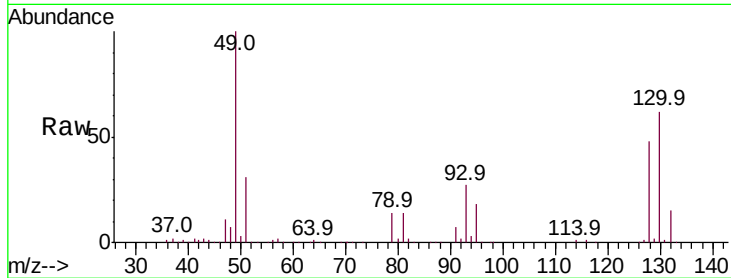
130 67.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#2

Dichlorodifluoromethane

Concen: 0.701 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038215.D

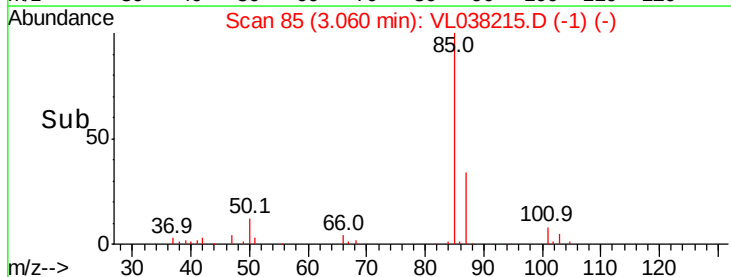
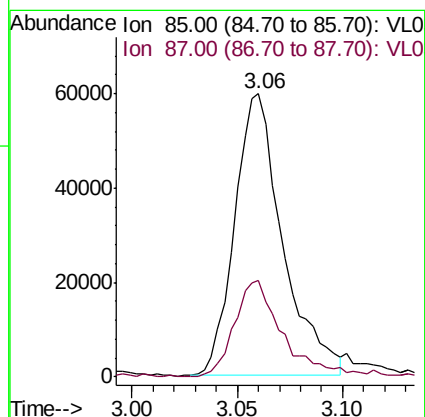
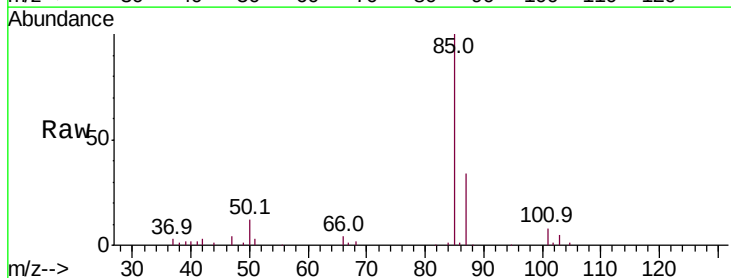
Acq: 21 Dec 2021 15:15

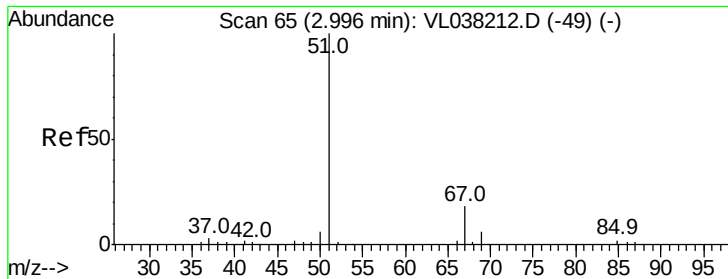
Tgt Ion: 85 Resp: 94443

Ion Ratio Lower Upper

85 100

87 34.4 25.4 38.2



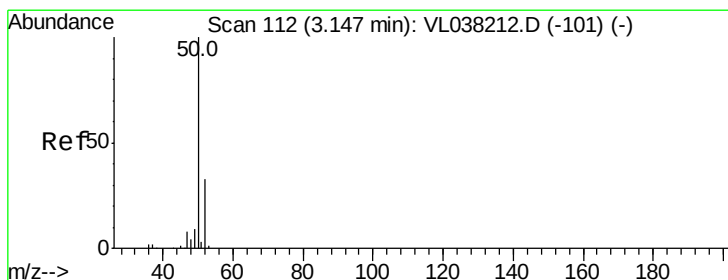
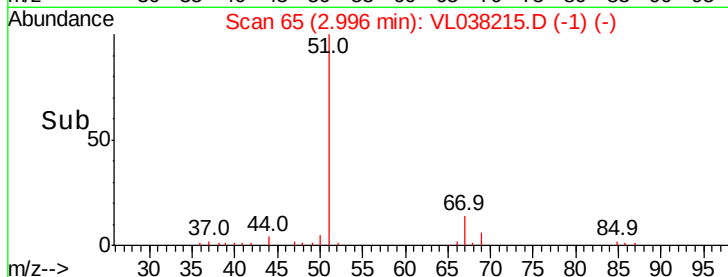
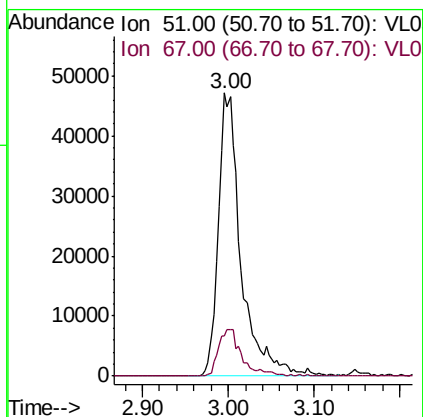
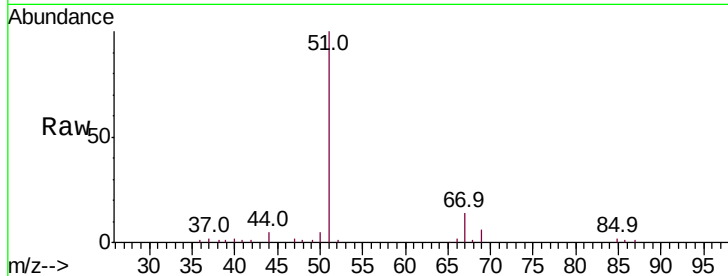


#3
Chlorodifluoromethane
Concen: 0.544 ppbv
RT: 3.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC0.5
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
51 100
67 17.

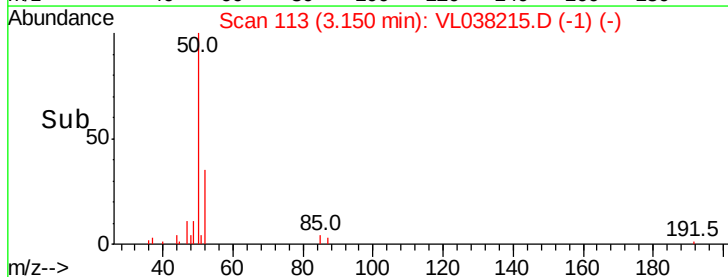
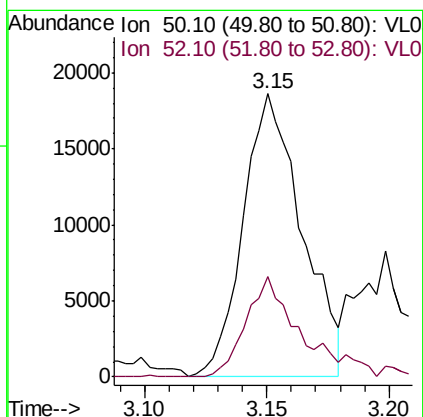
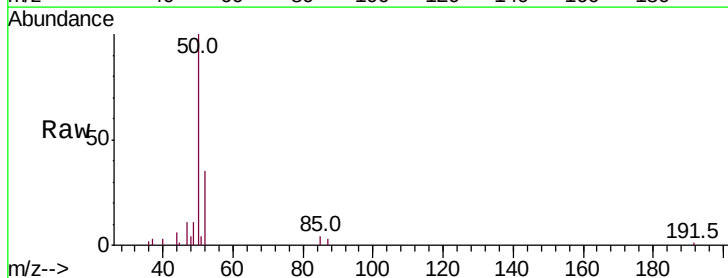
Manual Integrations
APPROVED

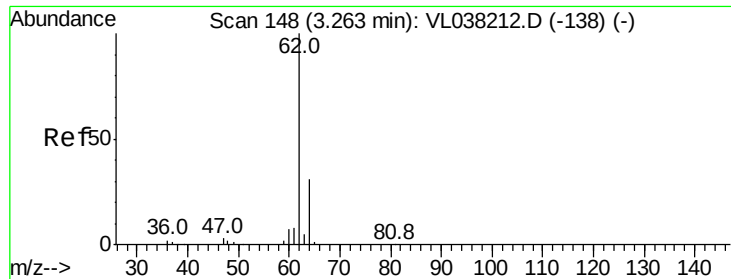
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#4
Chloromethane
Concen: 0.569 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 50 Resp: 31065
Ion Ratio Lower Upper
50 100
52 35.4 26.2 39.2





#5

Vinyl Chloride

Concen: 0.452 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

62 100

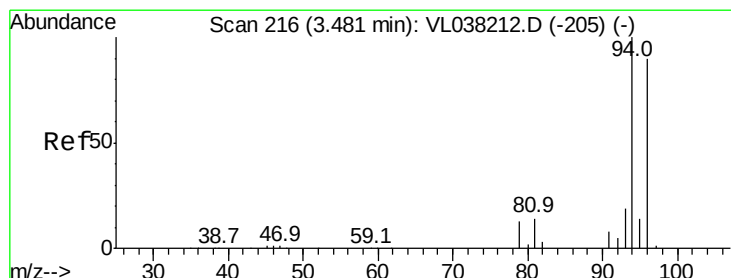
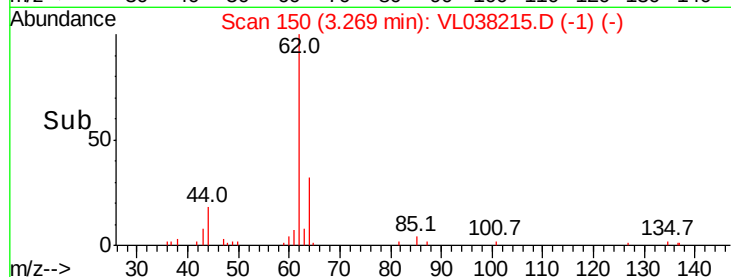
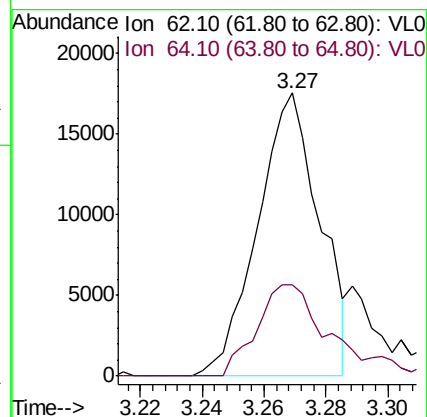
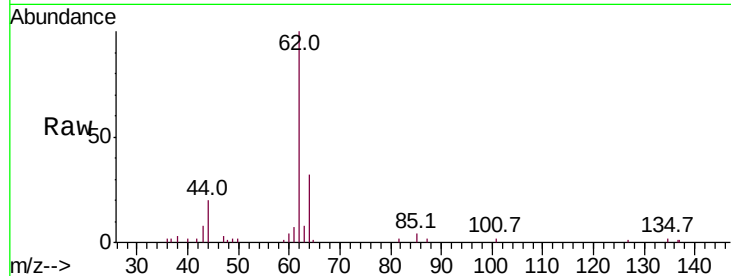
64 33.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#6

Bromomethane

Concen: 0.446 ppbv

RT: 3.48 min Scan# 216

Delta R.T. -0.00 min

Lab File: VL038215.D

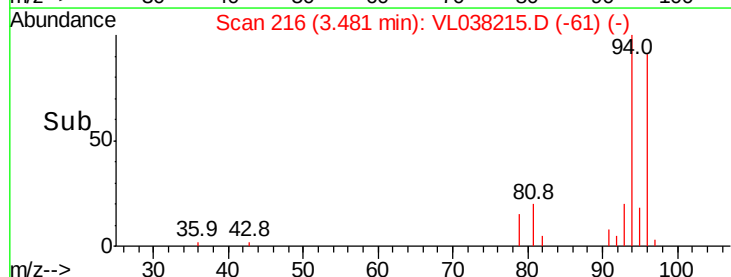
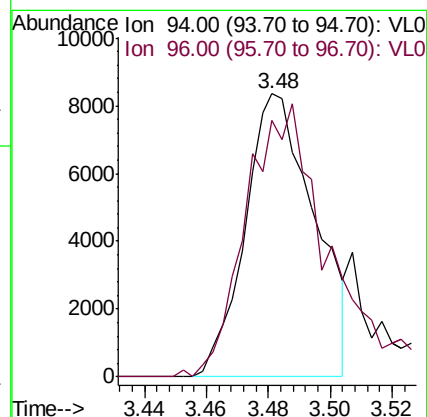
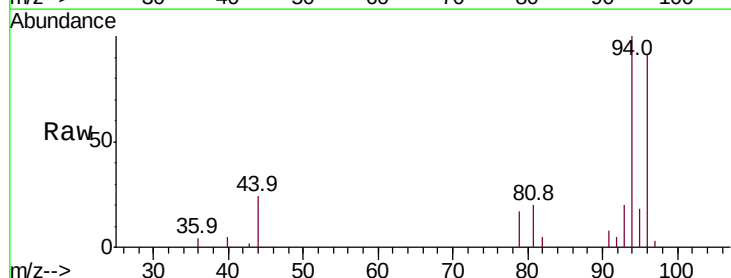
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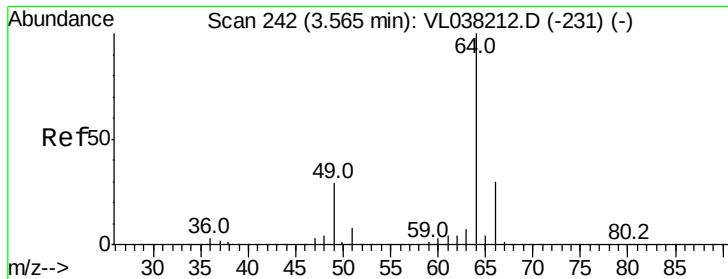
Tgt Ion: 94 Resp: 12993

Ion Ratio Lower Upper

94 100

96 90.5 72.2 108.2





#7

Chloroethane

Concen: 0.485 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

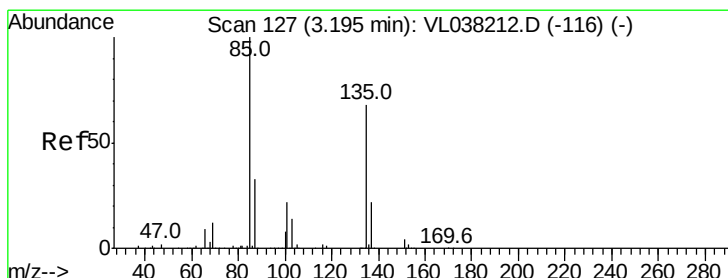
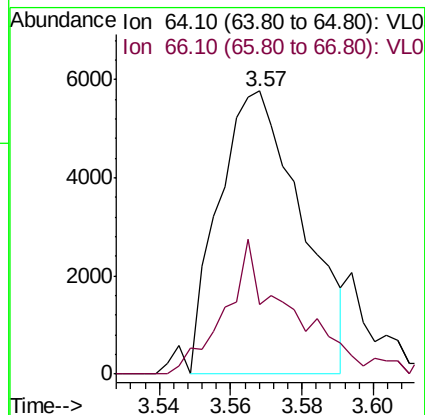
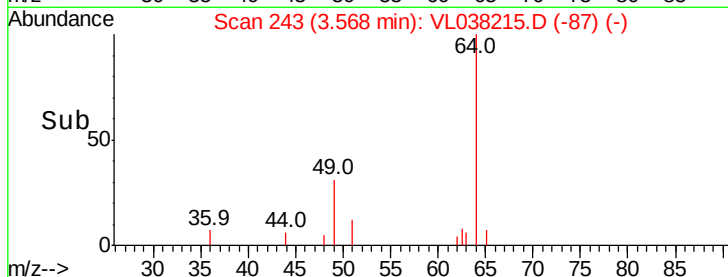
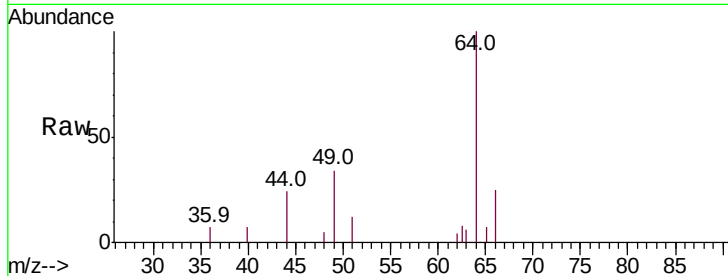
66 24.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 0.602 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL038215.D

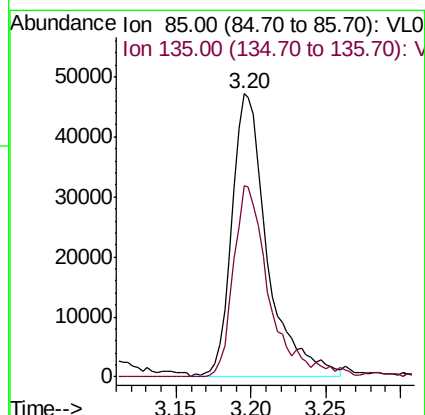
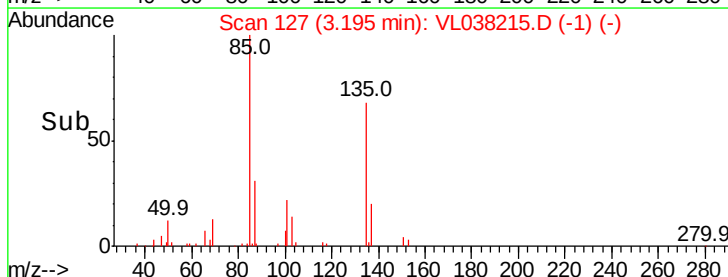
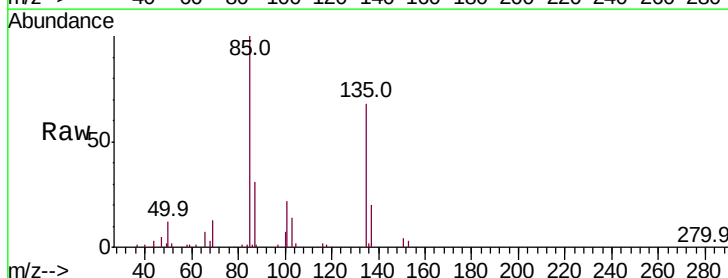
Acq: 21 Dec 2021 15:15

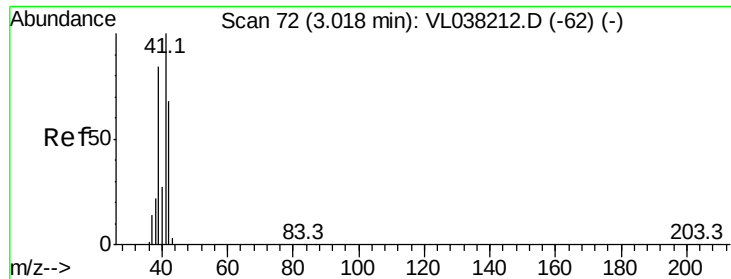
Tgt Ion: 85 Resp: 77172

Ion Ratio Lower Upper

85 100

135 70.0 57.7 86.5





#9

Propene

Concen: 0.526 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

41 100

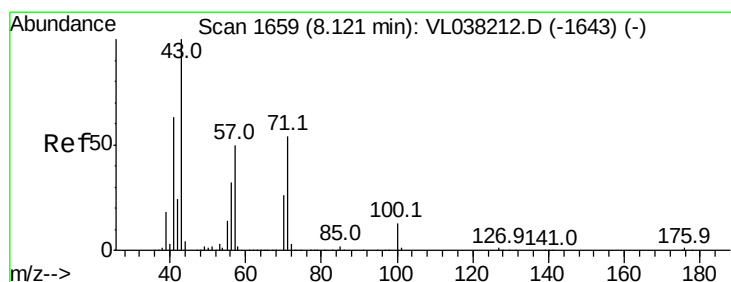
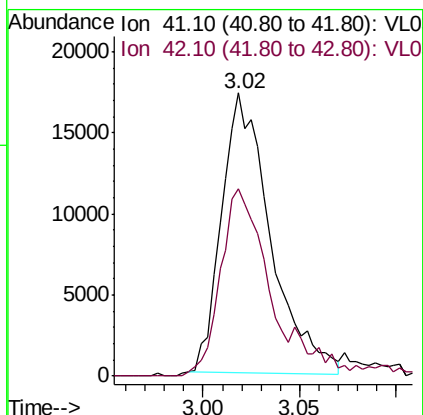
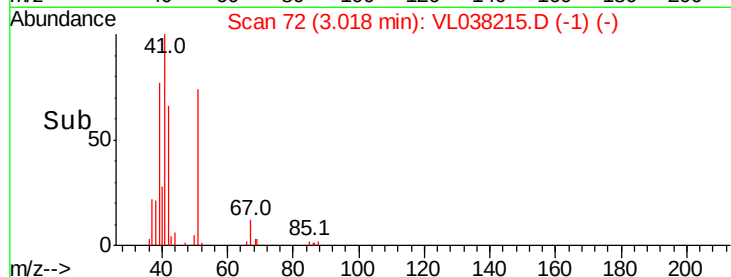
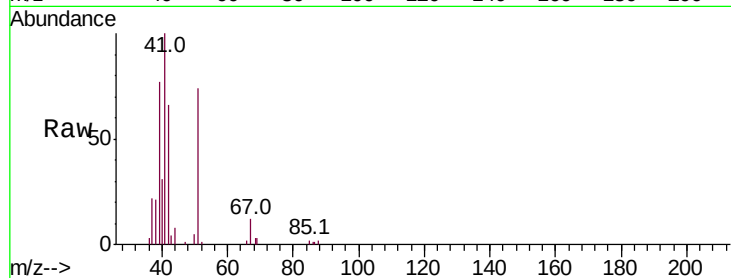
42 72.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#10

Heptane

Concen: 0.522 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VL038215.D

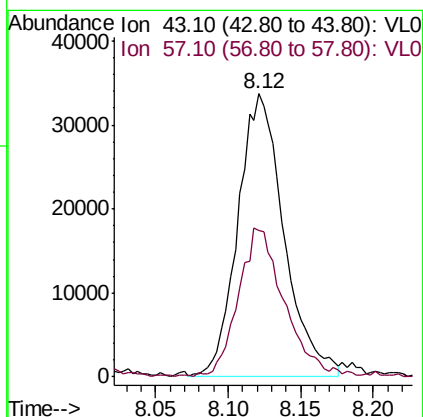
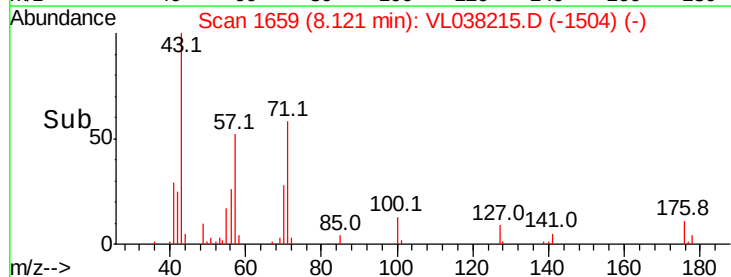
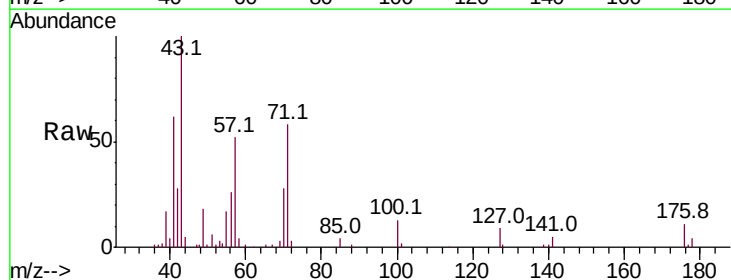
Acq: 21 Dec 2021 15:15

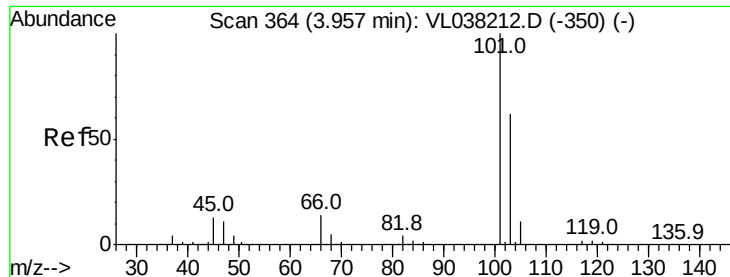
Tgt Ion: 43 Resp: 74914

Ion Ratio Lower Upper

43 100

57 53.5 40.3 60.5



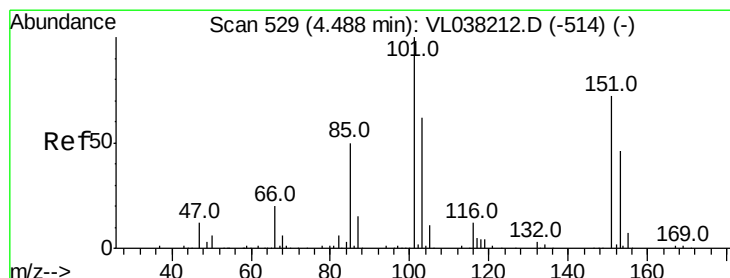
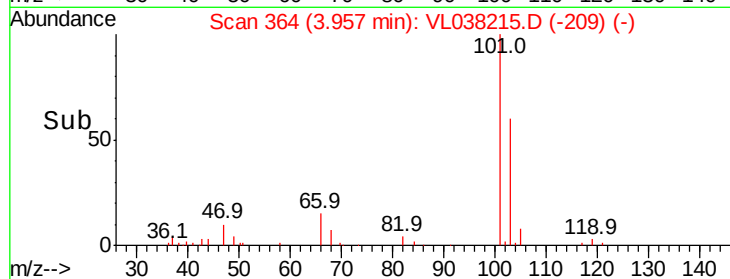
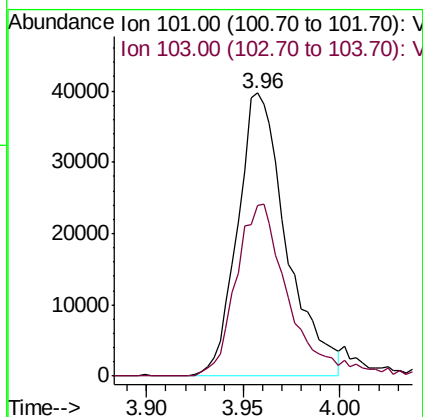
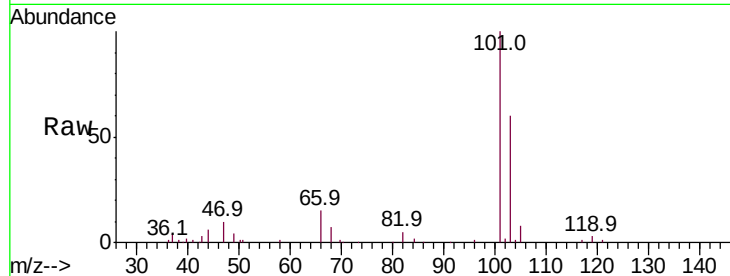


#11
 Trichlorofluoromethane
 Concen: 0.555 ppbv
 RT: 3.96 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 101 100
 103 60.

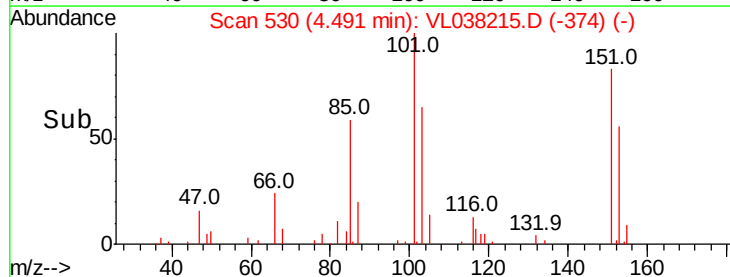
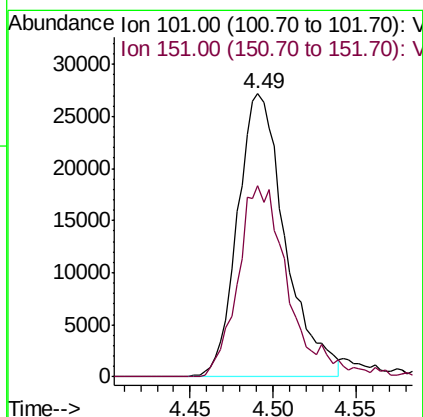
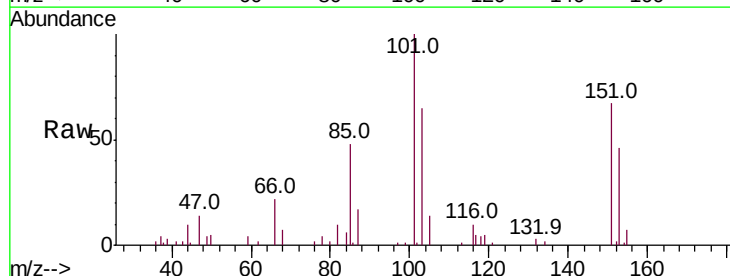
Manual Integrations
 APPROVED

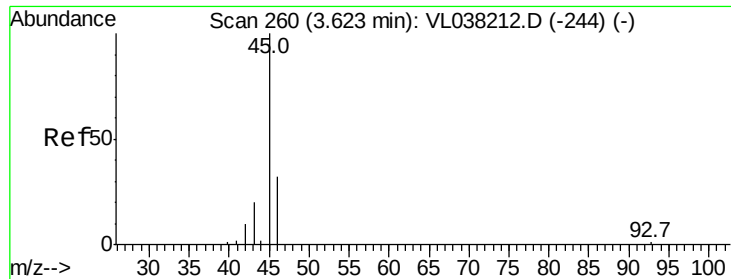
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.587 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:101 Resp: 54499
 Ion Ratio Lower Upper
 101 100
 151 71.8 58.6 87.8



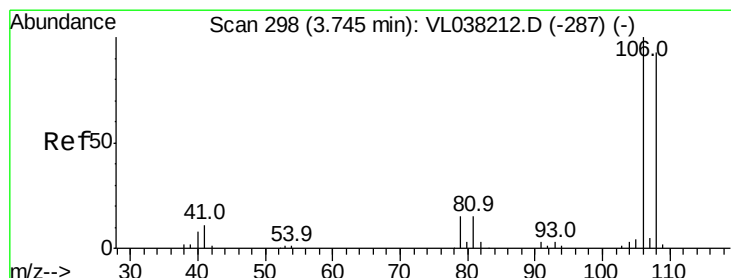
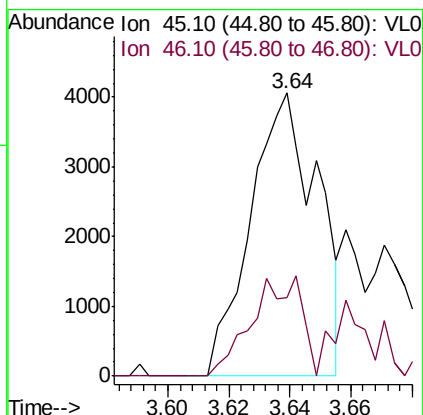
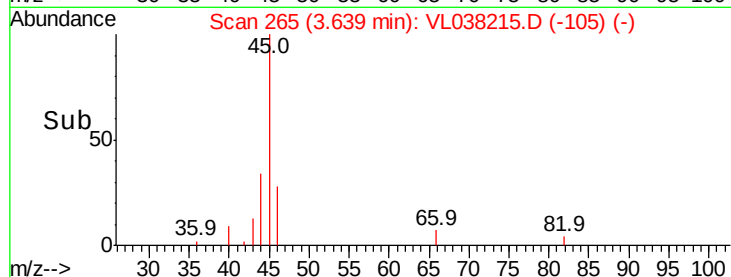
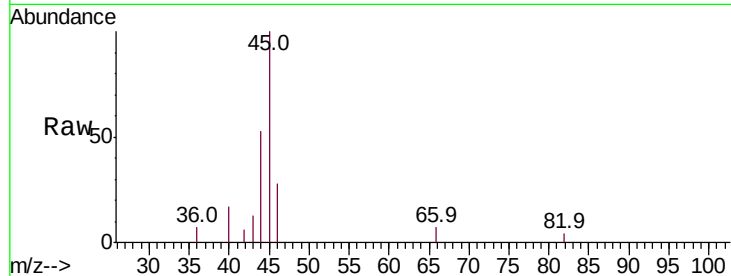


#13
Ethanol
Concen: 0.644 ppbv m
RT: 3.64
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
45 100
46 41.

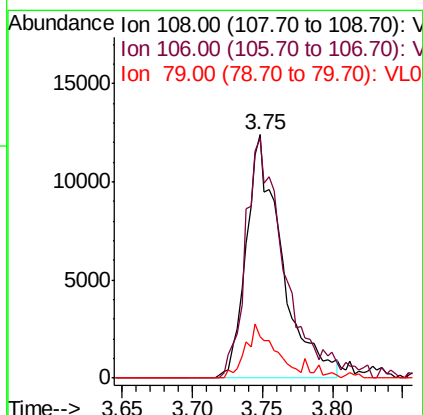
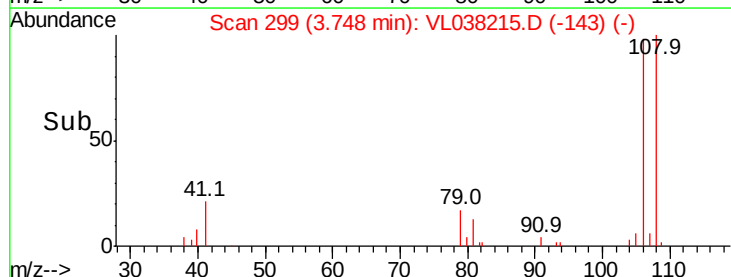
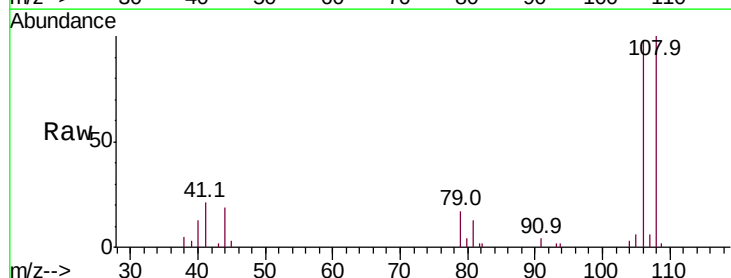
Manual Integrations
APPROVED

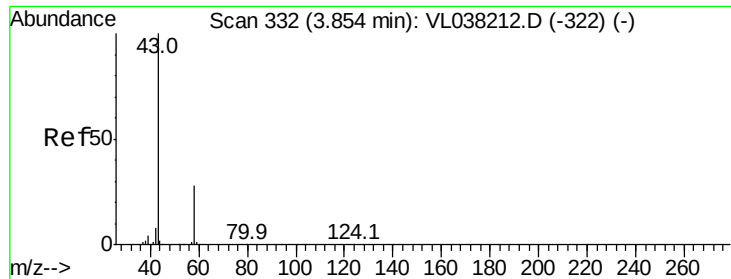
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#14
Bromoethene
Concen: 0.564 ppbv m
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion:108 Resp: 21733
Ion Ratio Lower Upper
108 100
106 107.8 88.2 132.2
79 21.3 13.7 20.5#





#15

Acetone

Concen: 0.659 ppbv

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

43 100

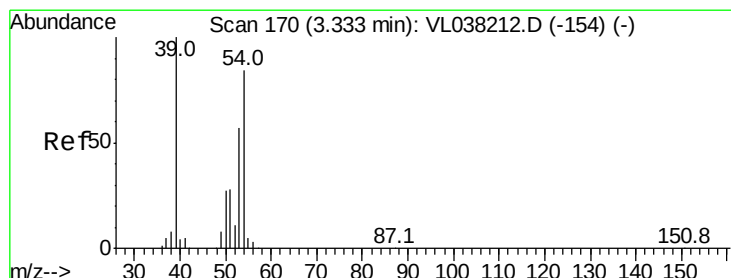
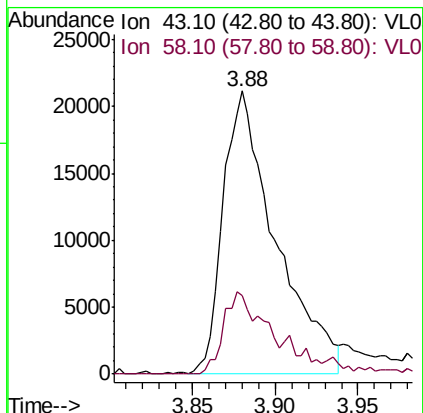
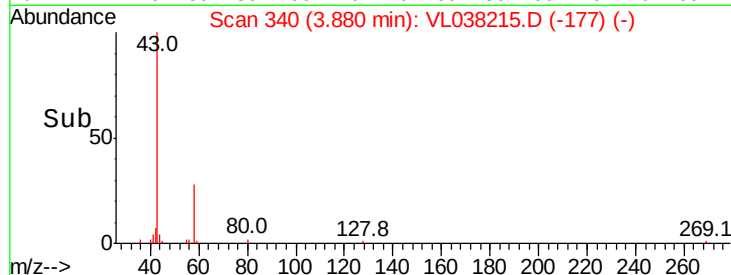
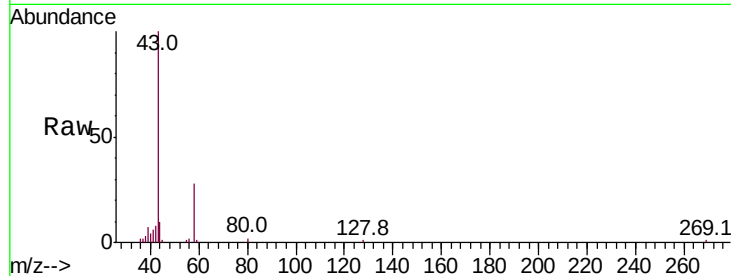
58 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#16

1,3-Butadiene

Concen: 0.554 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL038215.D

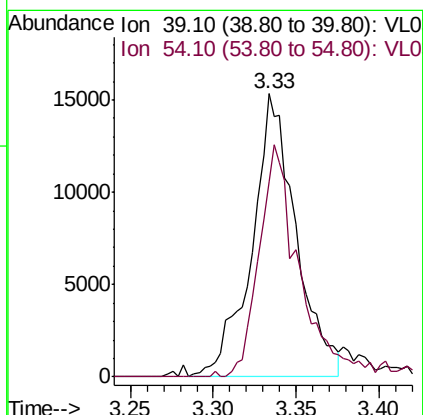
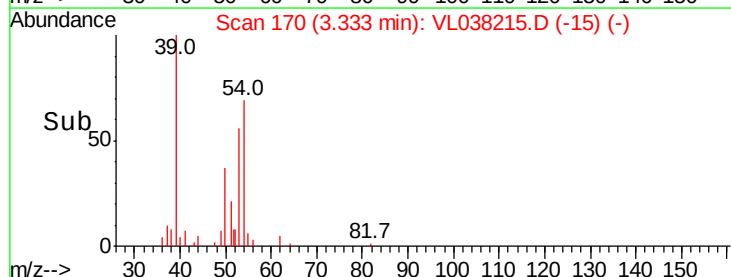
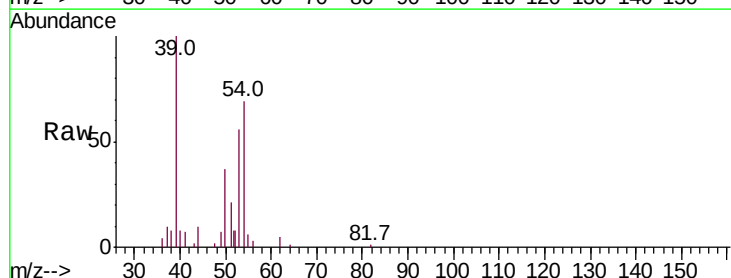
Acq: 21 Dec 2021 15:15

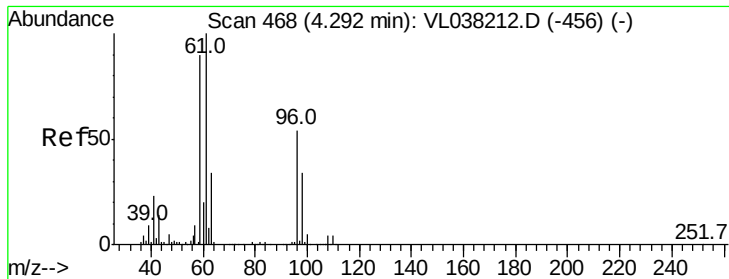
Tgt Ion: 39 Resp: 28420

Ion Ratio Lower Upper

39 100

54 77.3 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.626 ppbv

RT: 4.33

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

59 100

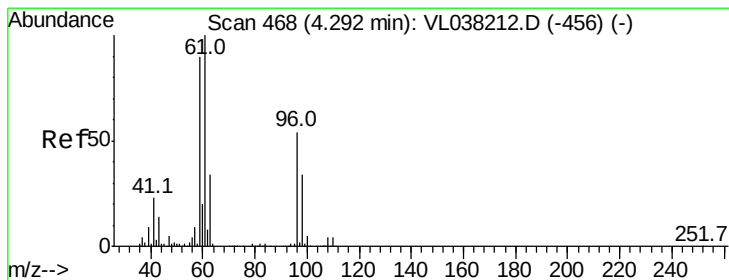
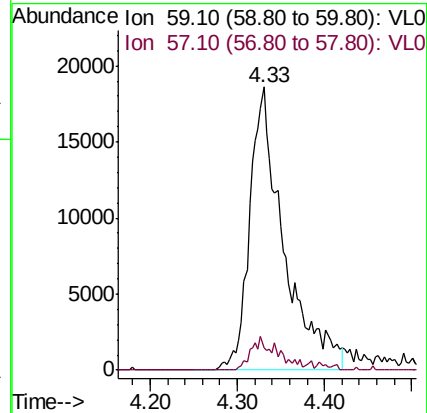
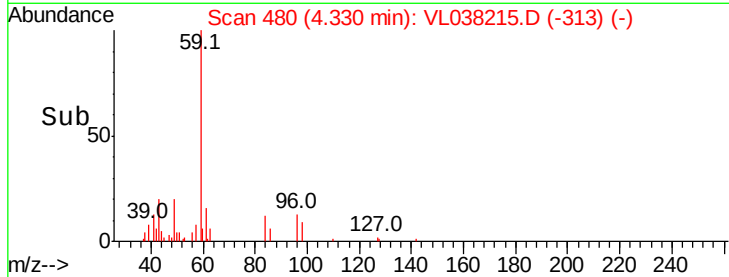
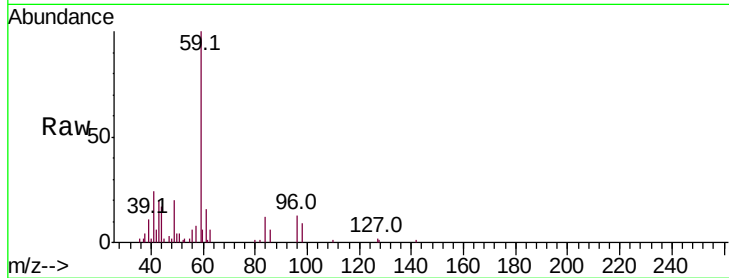
57 10.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#18

1,1-Dichloroethene

Concen: 0.547 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

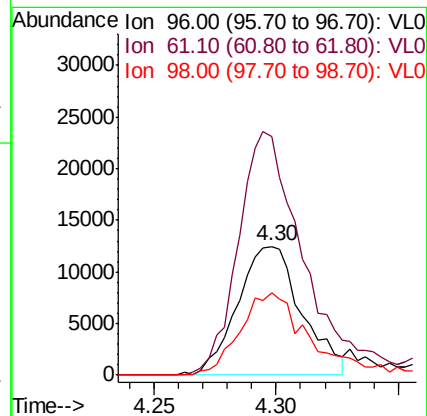
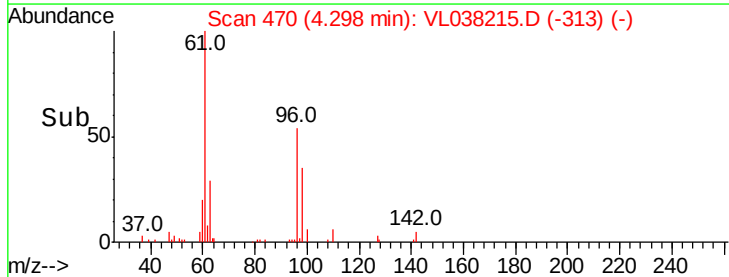
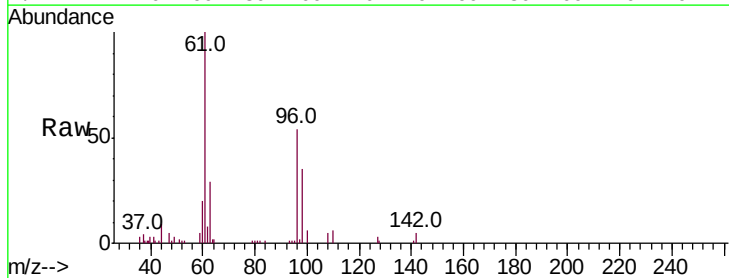
Tgt Ion: 96 Resp: 22703

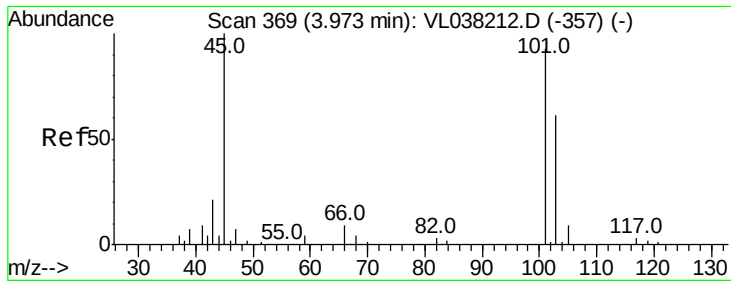
Ion Ratio Lower Upper

96 100

61 183.1 147.4 221.0

98 64.1 50.7 76.1





#19

Isopropyl Alcohol

Concen: 0.650 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC0.5

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

45 100

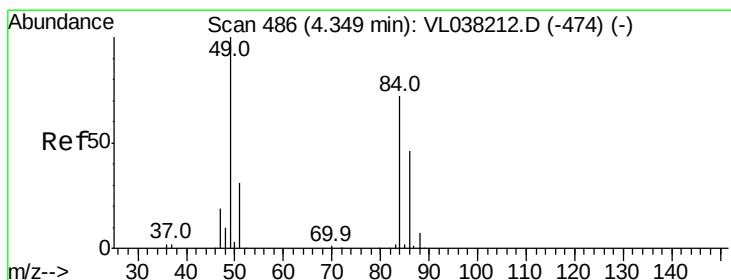
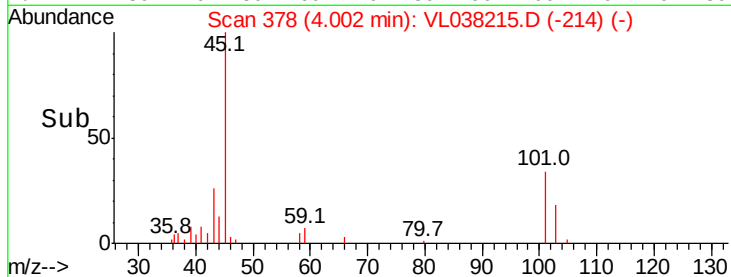
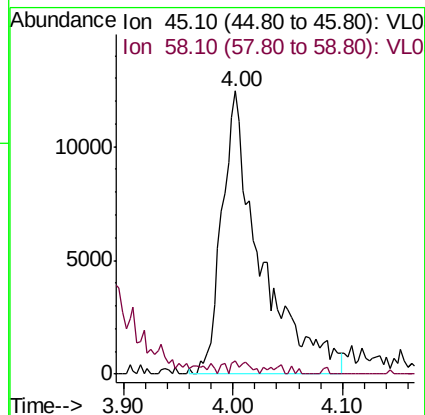
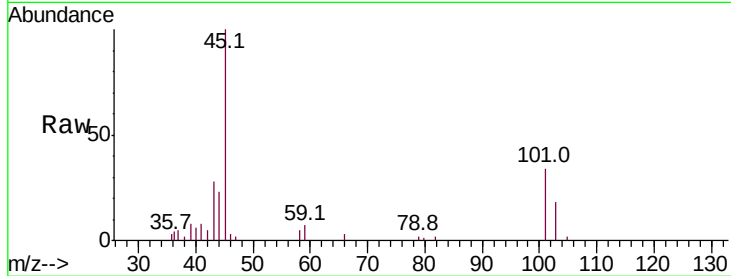
58 2.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 0.684 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

Tgt Ion: 84 Resp: 27504

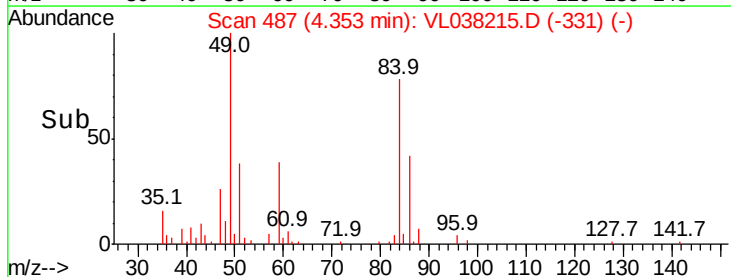
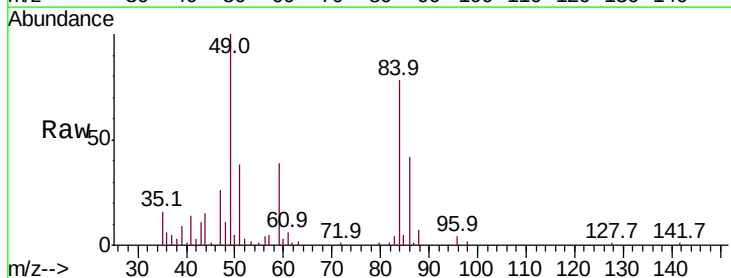
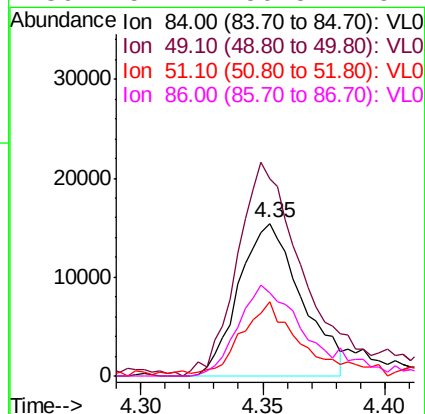
Ion Ratio Lower Upper

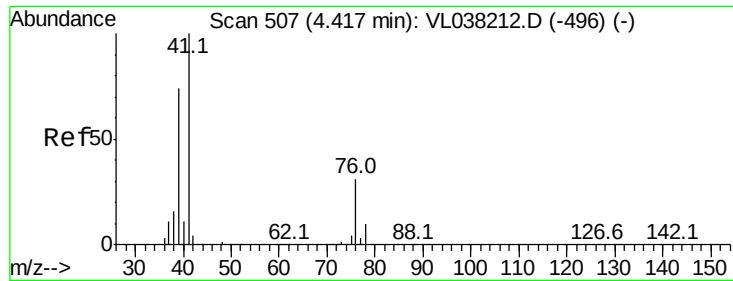
84 100

49 125.5 110.6 166.0

51 47.0 34.2 51.2

86 54.2 50.5 75.7





#21

Allvl Chloride

Concen: 0.521 ppbv

RT: 4.42

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId : VSTDIC0.5

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

41 100

76 33.

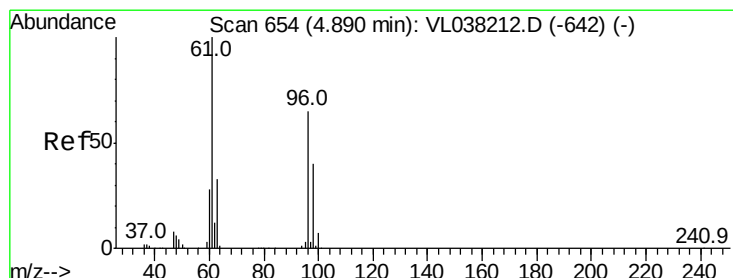
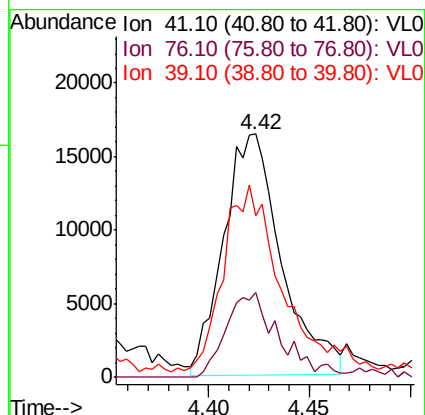
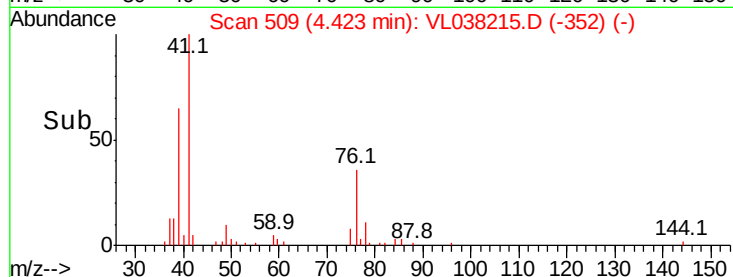
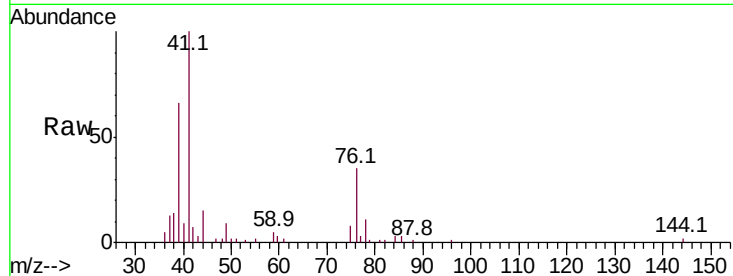
39 88.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#22

trans-1,2-Dichloroethene

Concen: 0.525 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.01 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

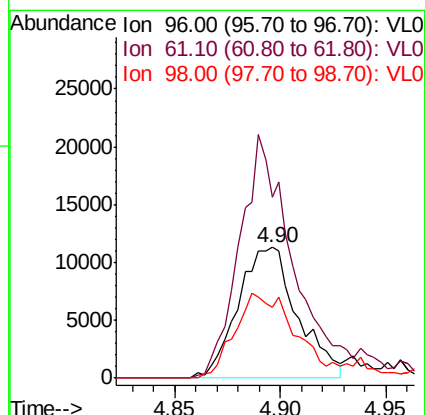
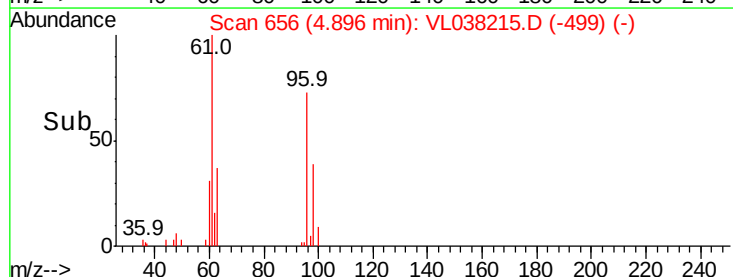
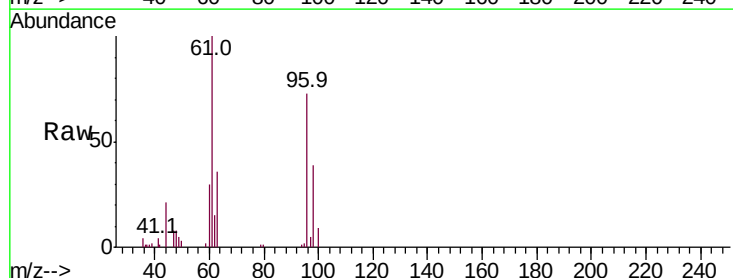
Tgt Ion: 96 Resp: 22242

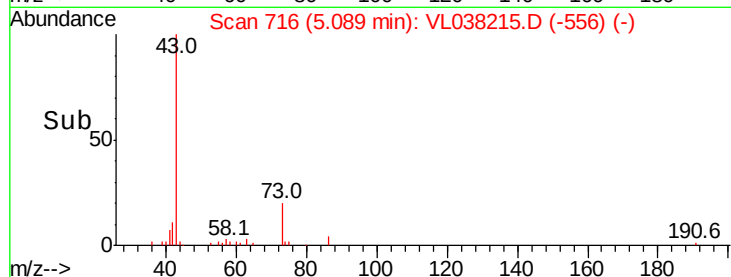
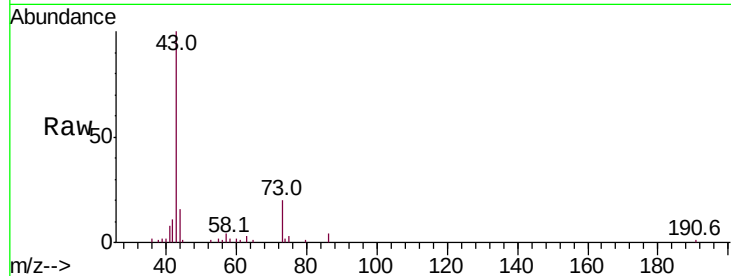
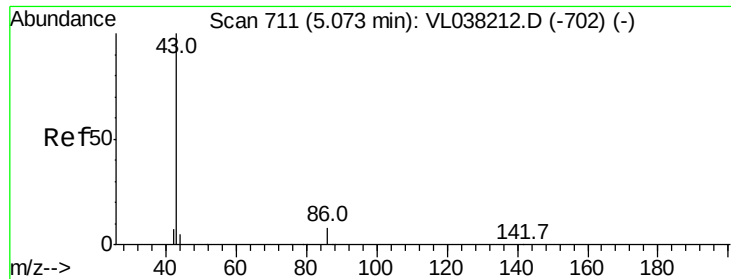
Ion Ratio Lower Upper

96 100

61 137.9 123.5 185.3

98 54.4 50.0 75.0



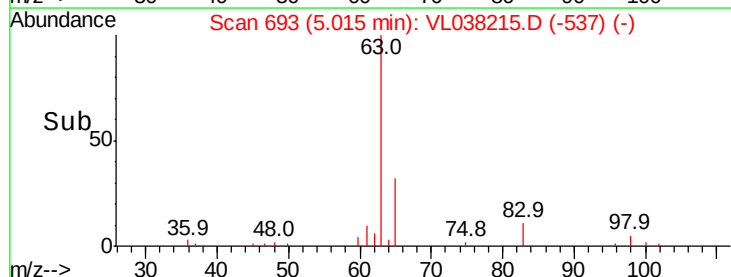
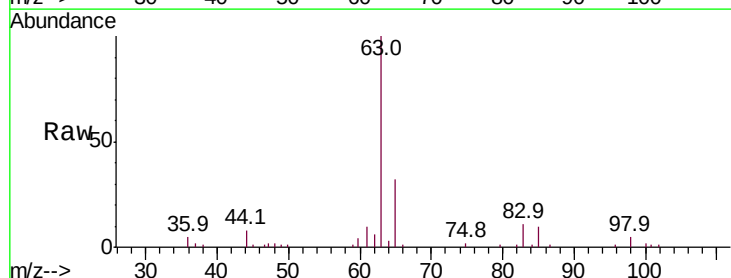
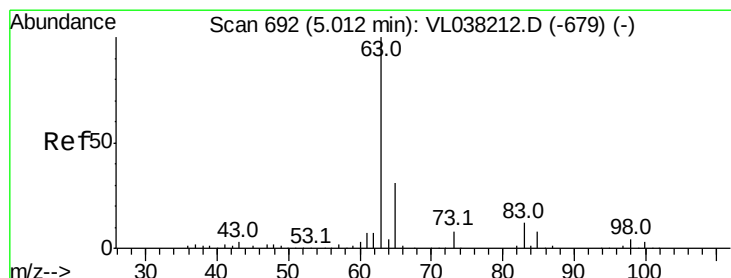
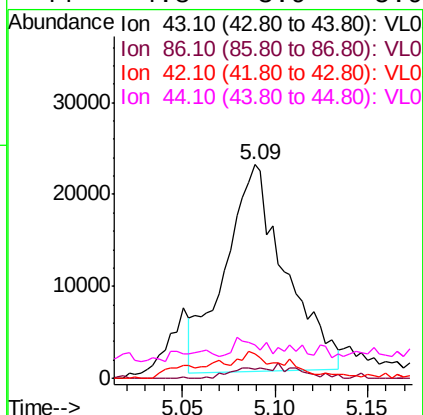


#23
 Vinyl Acetate
 Concen: 0.510 ppbv
 RT: 5.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:
 Ion Ratio
 43 100
 86 4.
 42 10.
 44 4.8 3.9 5.9

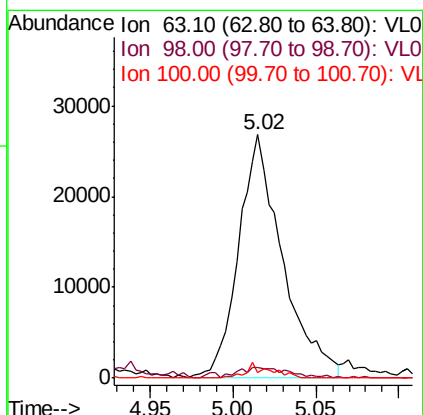
Manual Integrations
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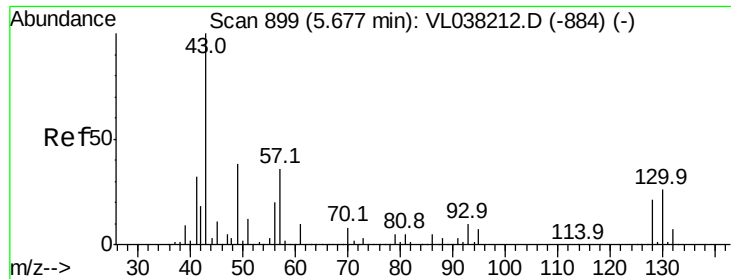
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#24
 1,1-Dichloroethane
 Concen: 0.566 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 63 Resp: 49405
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.2 6.6
 100 2.1 1.5 4.4



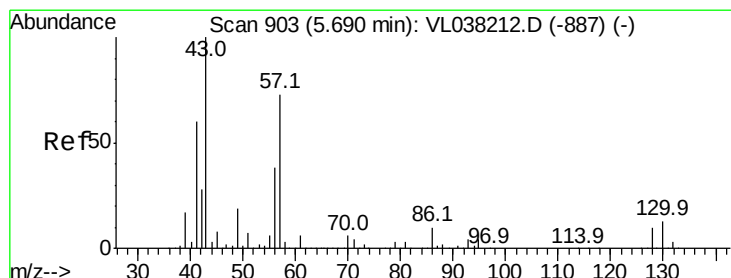
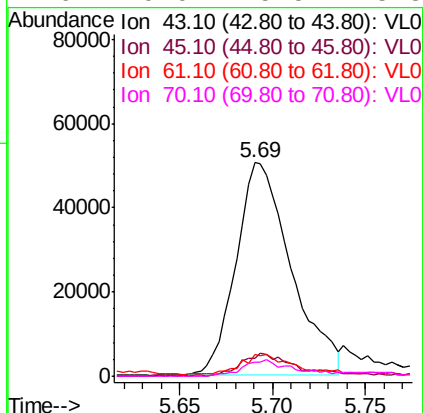
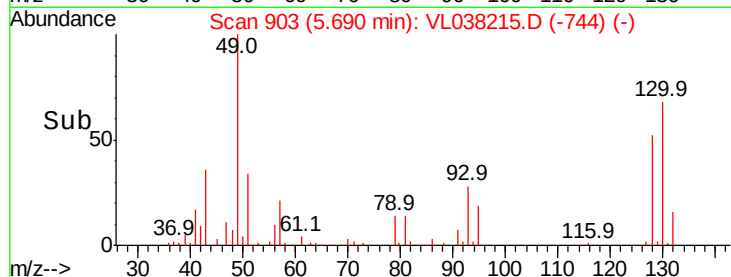
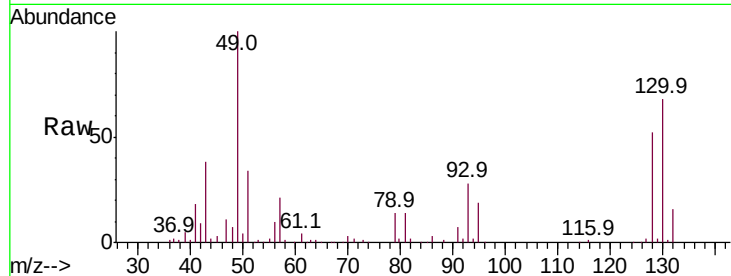


#25
Ethyl Acetate
Concen: 0.491 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.5
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
43 100
45 11.
61 12.
70 9.0 5.5 8.3#

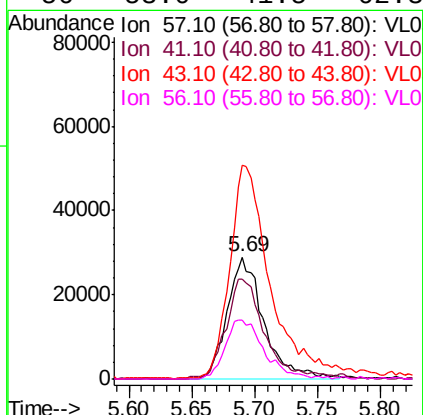
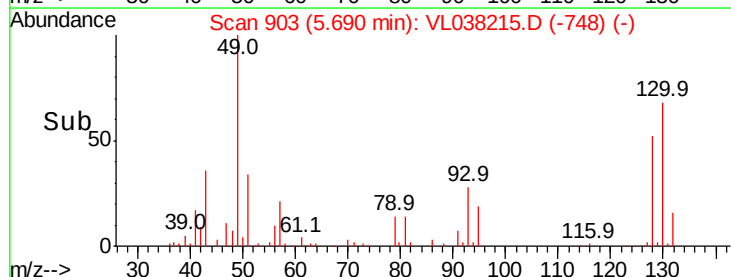
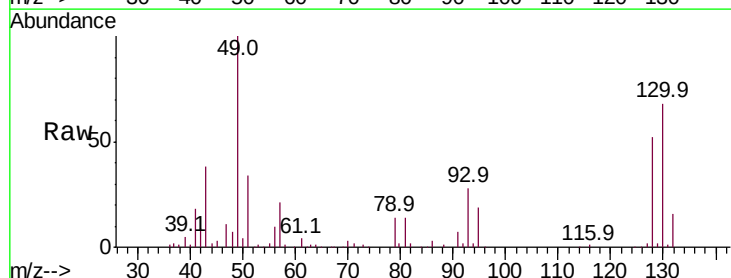
Manual Integrations
APPROVED

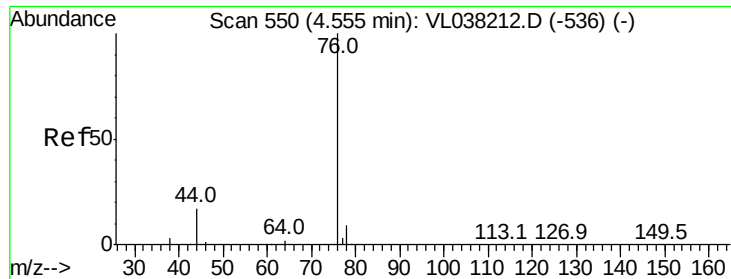
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 0.560 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 57 Resp: 58328
Ion Ratio Lower Upper
57 100
41 88.5 69.0 103.6
43 202.2 171.2 256.8
56 53.0 41.5 62.3



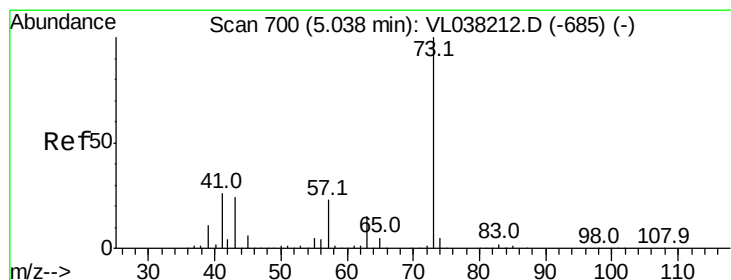
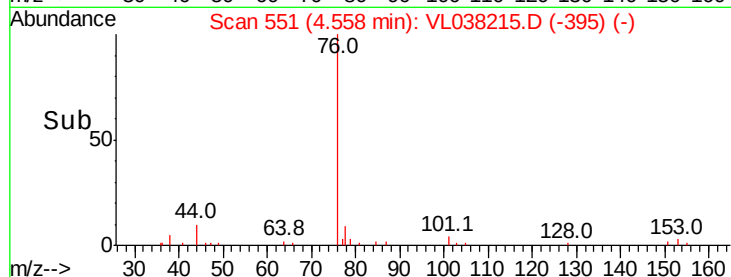
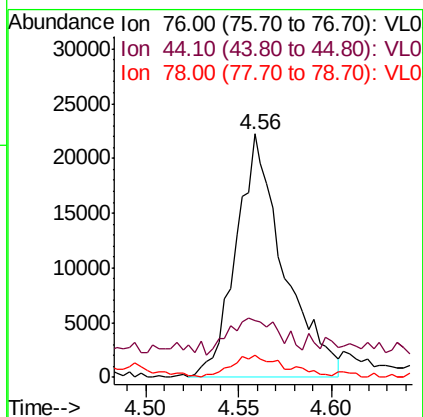
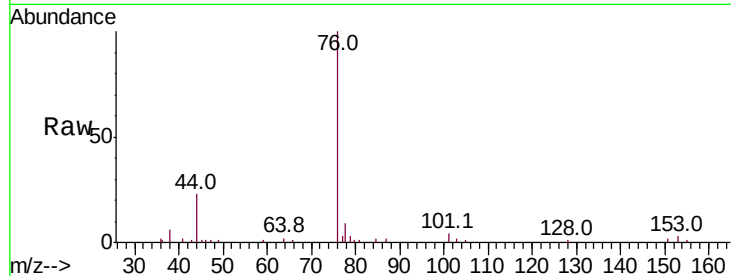


#27
Carbon Disulfide
Concen: 0.429 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
76 100
44 26.
78 11.

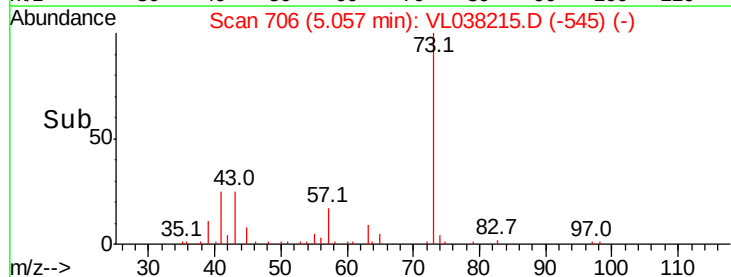
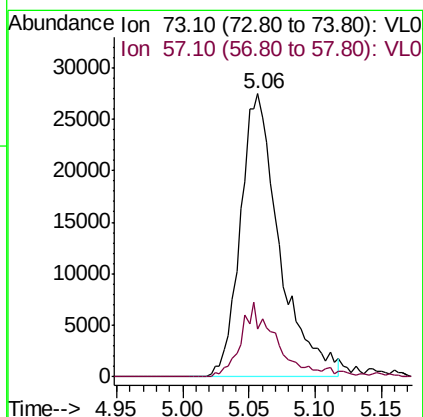
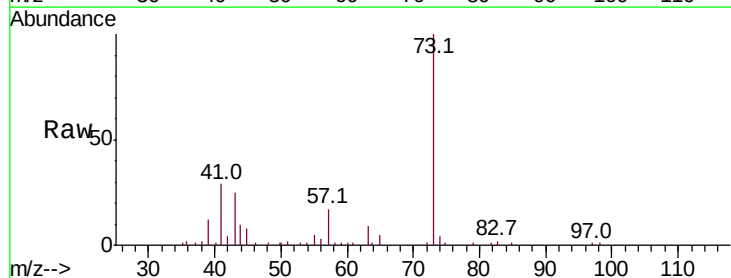
Manual Integrations
APPROVED

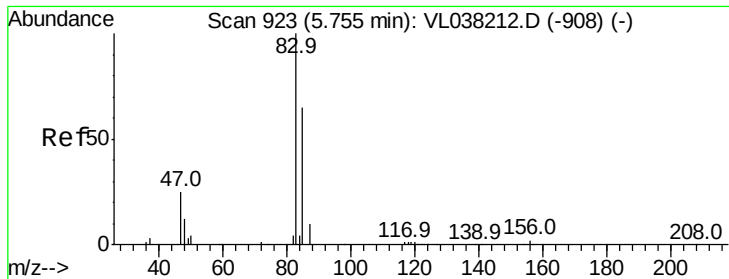
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#28
Methyl tert-Butyl Ether
Concen: 0.576 ppbv m
RT: 5.06 min Scan# 706
Delta R.T. 0.02 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 73 Resp: 56273
Ion Ratio Lower Upper
73 100
57 24.9 18.8 28.2



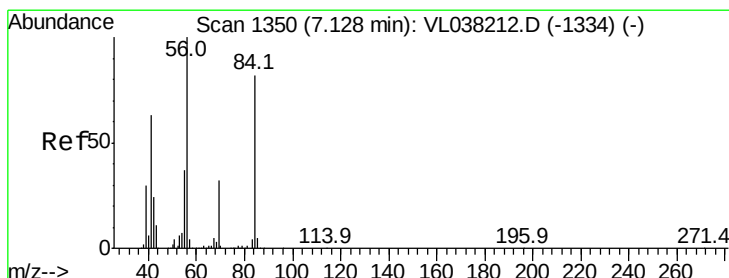
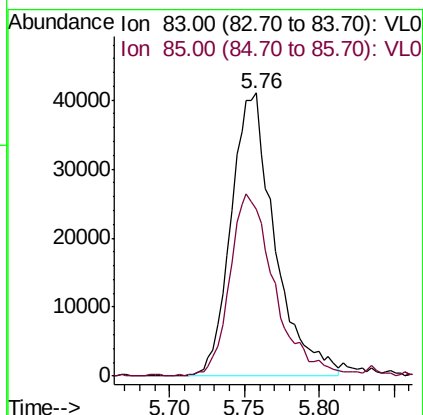
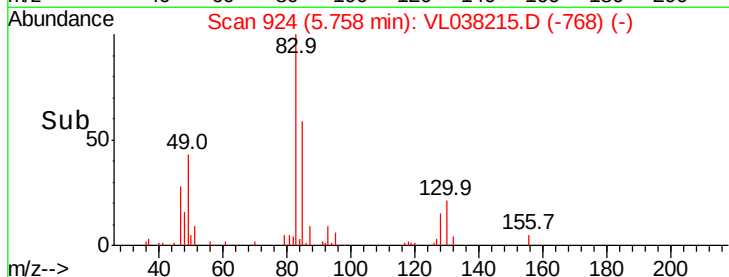
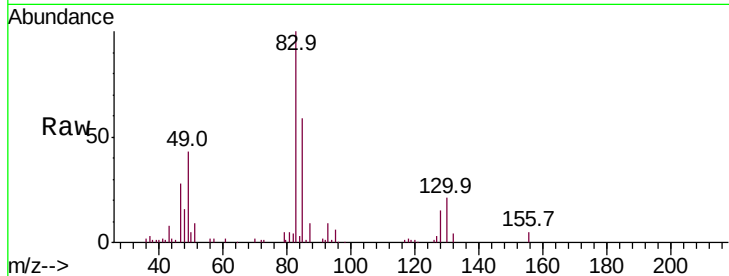


#29
Chloroform
Concen: 0.544 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
83 100
85 58.

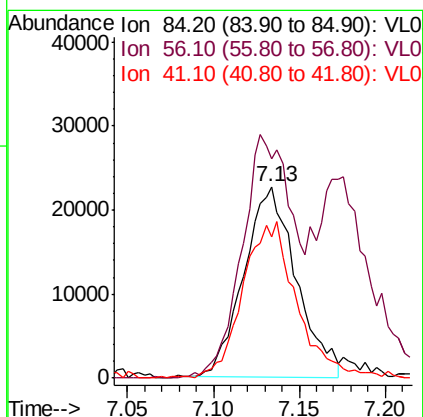
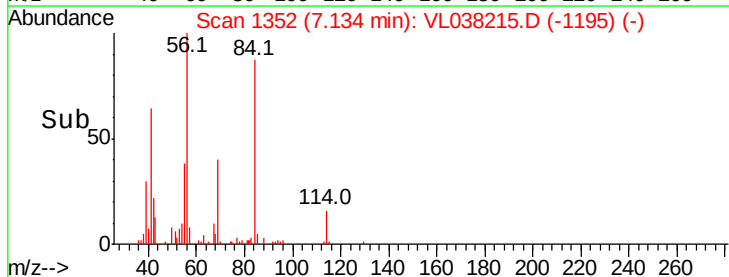
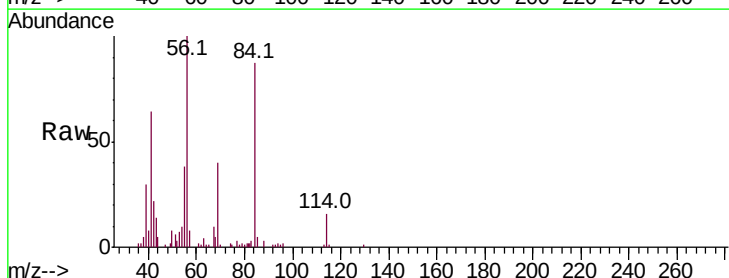
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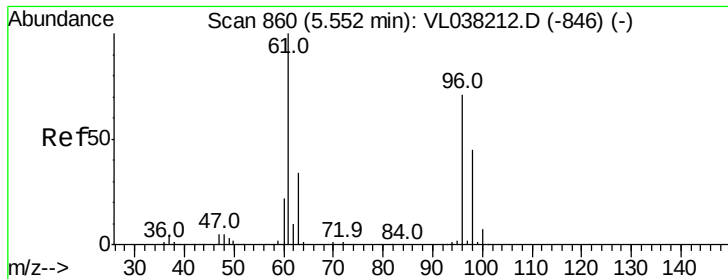
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 0.507 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 84 Resp: 48032
Ion Ratio Lower Upper
84 100
56 124.6 105.2 157.8
41 85.5 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 0.476 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

61 100

96 68.

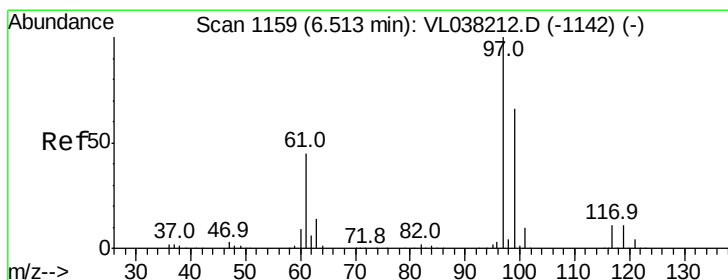
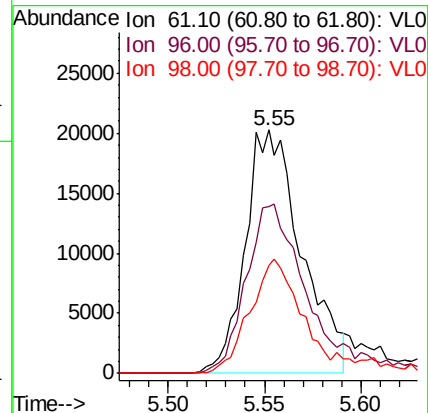
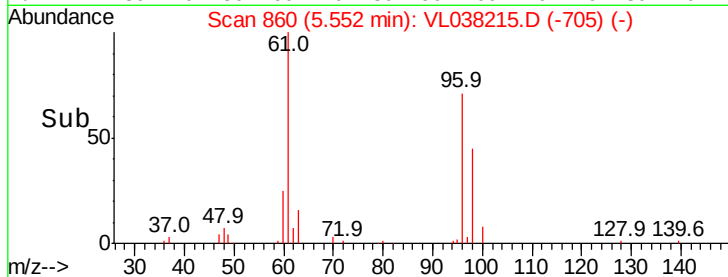
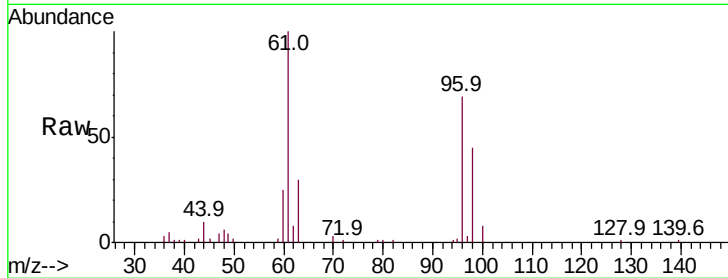
98 44.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#32

1,1,1-Trichloroethane

Concen: 0.447 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

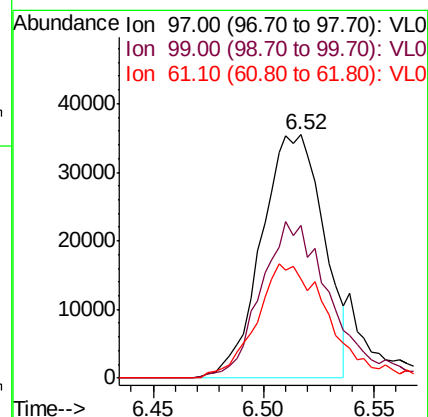
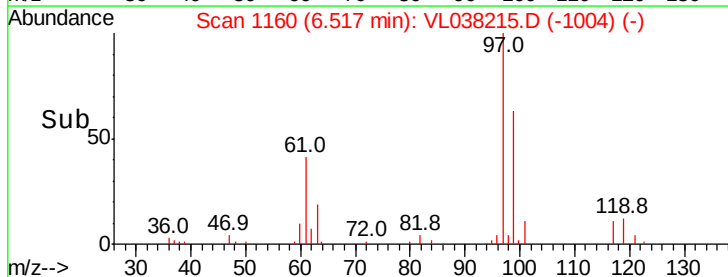
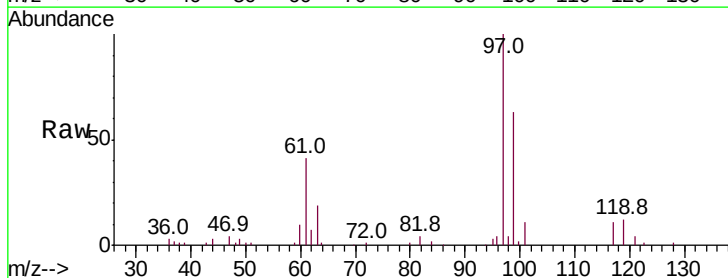
Tgt Ion: 97 Resp: 69652

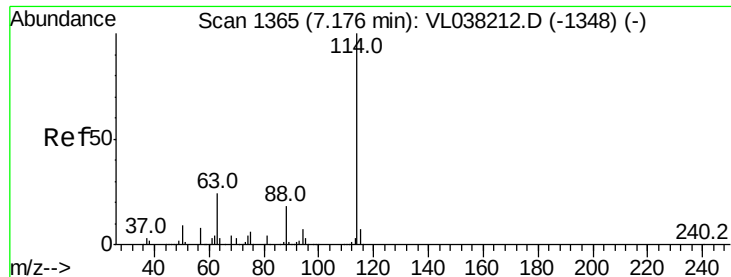
Ion Ratio Lower Upper

97 100

99 73.5 52.4 78.6

61 54.9 37.2 55.8



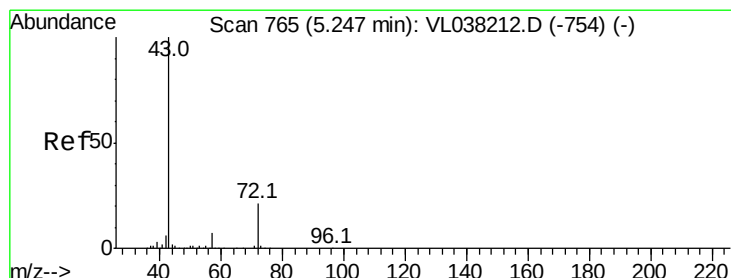
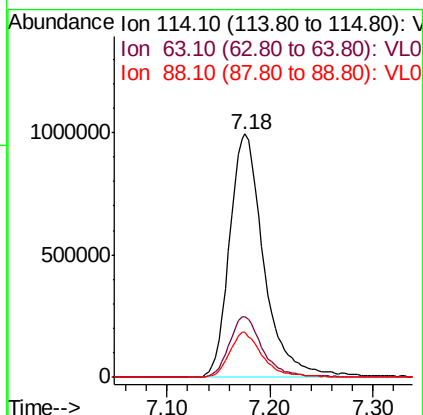
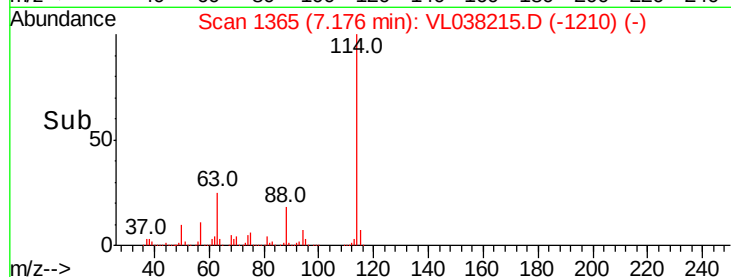
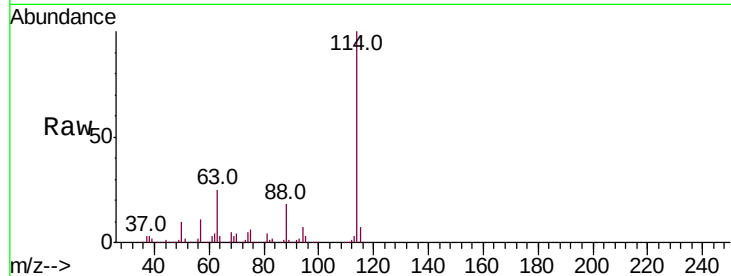


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

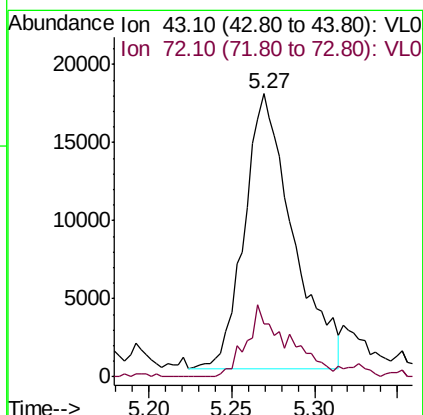
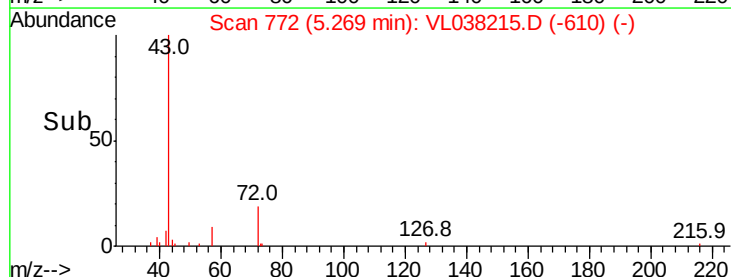
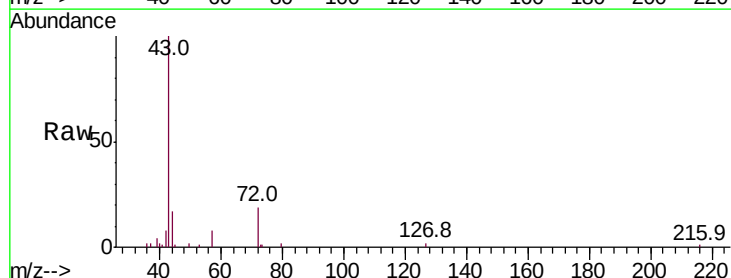
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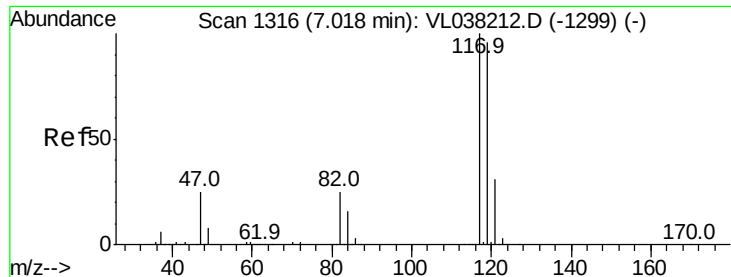
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#34
 2-Butanone
 Concen: 0.449 ppbv
 RT: 5.27 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 43 Resp: 35818
 Ion Ratio Lower Upper
 43 100
 72 24.6 18.3 27.5



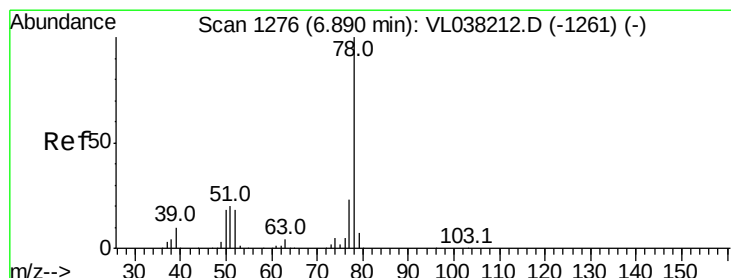
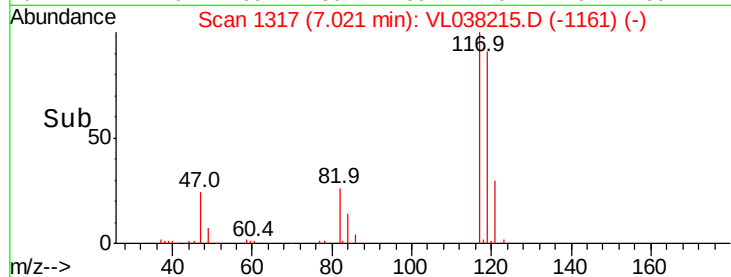
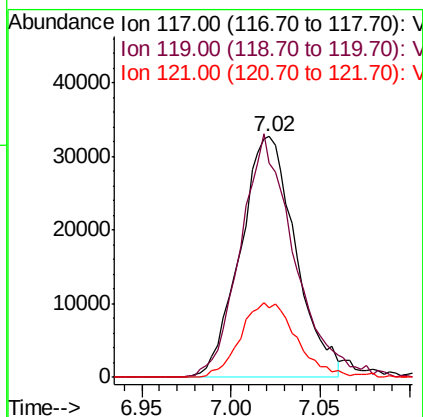
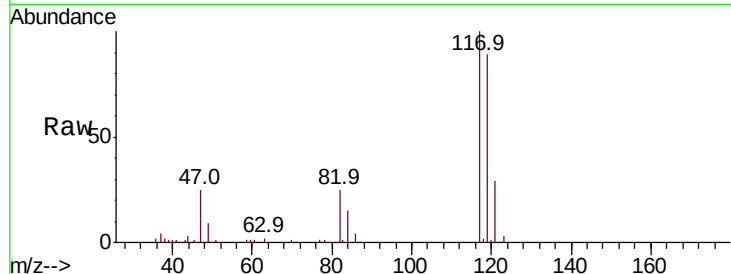


#35
Carbon Tetrachloride
Concen: 0.461 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 15:15

Tot Ion:1
Ion Rati
117 100
119 88.
121 29.

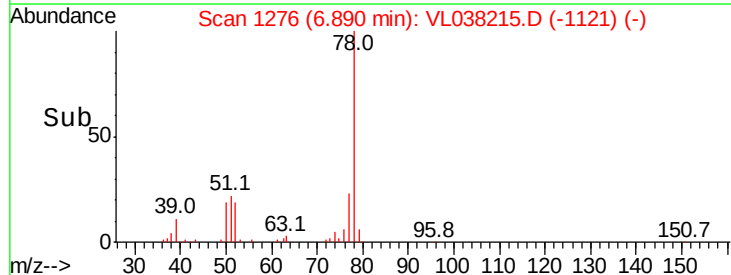
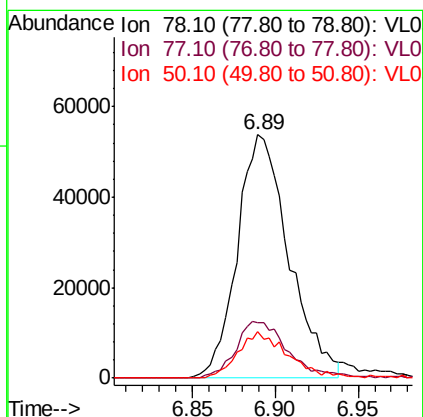
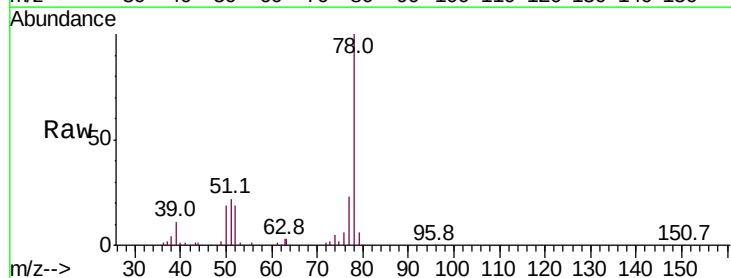
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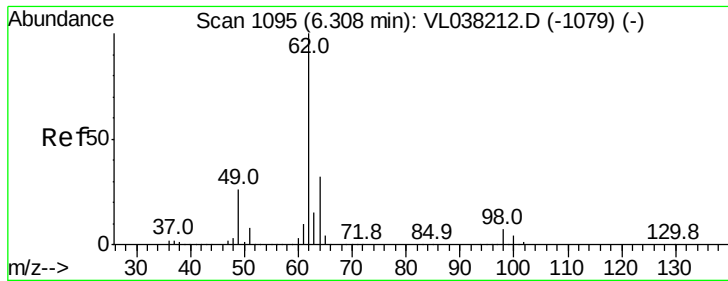
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#36
Benzene
Concen: 0.528 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 78 Resp: 116117
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.4
50 19.1 14.3 21.5



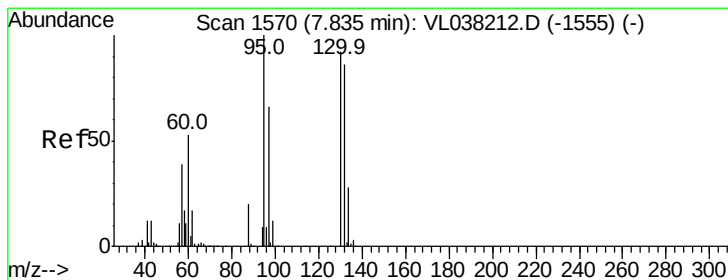
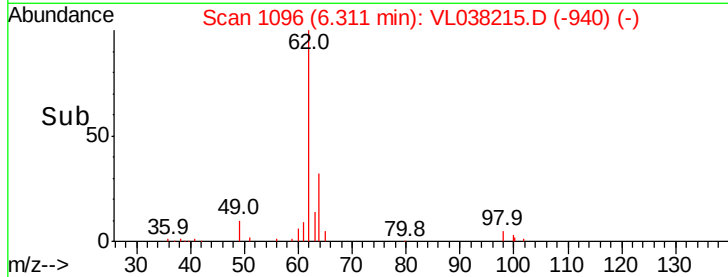
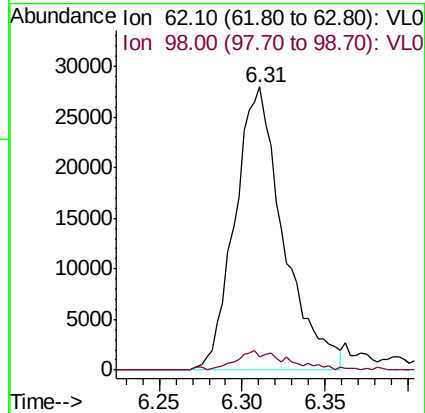
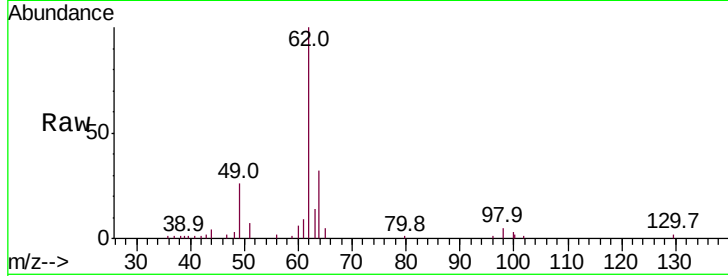


#37
 1,2-Dichloroethane
 Concen: 0.531 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:
 Ion Ratio
 62 100
 98 7.

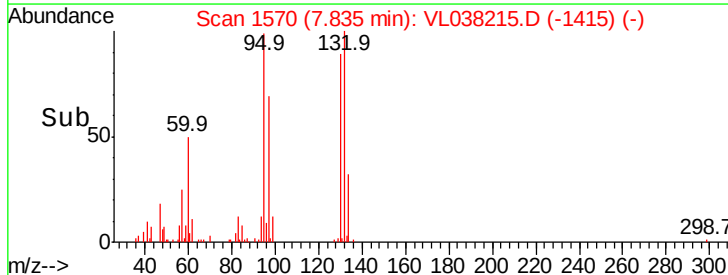
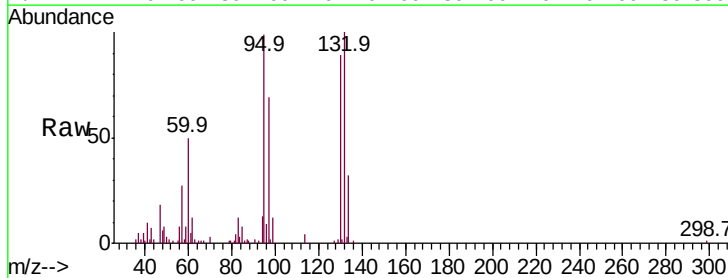
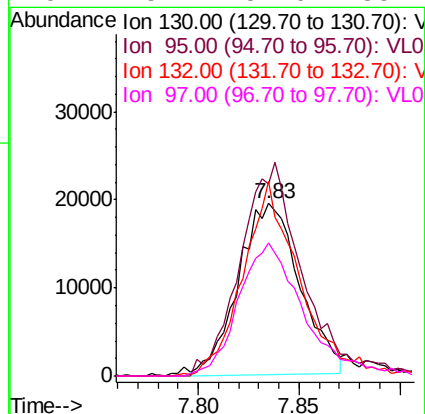
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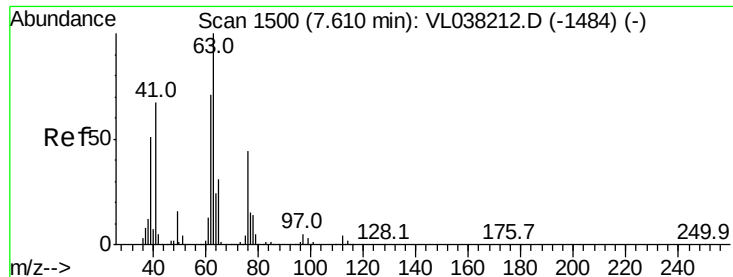
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#38
 Trichloroethene
 Concen: 0.493 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:130 Resp: 41293
 Ion Ratio Lower Upper
 130 100
 95 114.6 87.0 130.4
 132 115.0 75.1 112.7#
 97 78.1 57.0 85.4



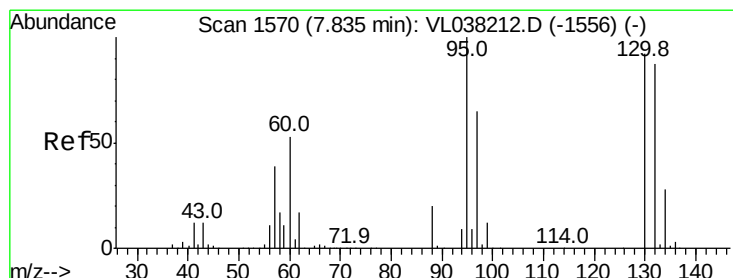
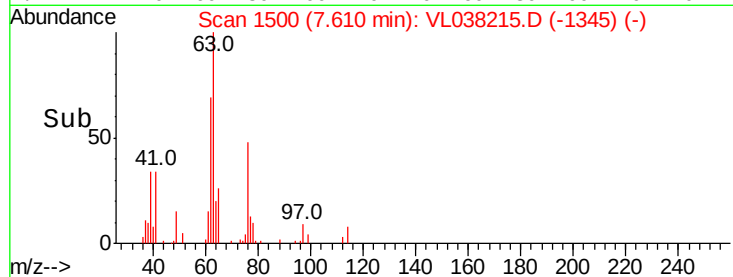
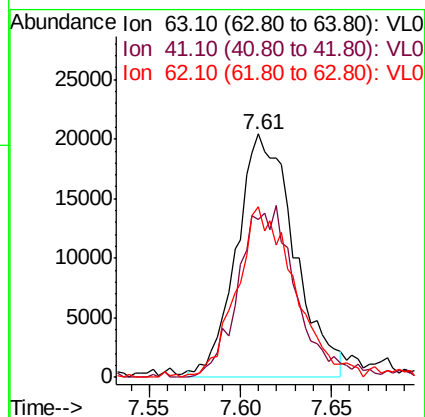
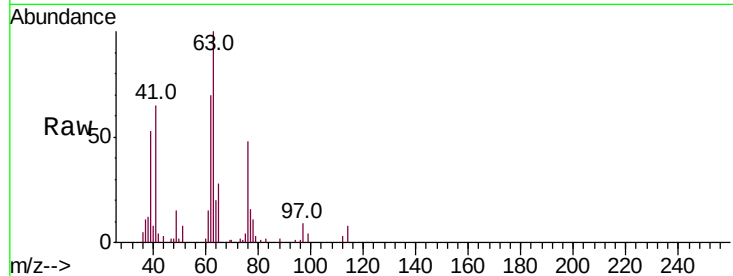


#39
 1,2-Dichloropropane
 Concen: 0.530 ppbv m
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Dec 2021 15:15

Tot Ion:
 Ion Ratio
 63 100
 41 65.
 62 70.

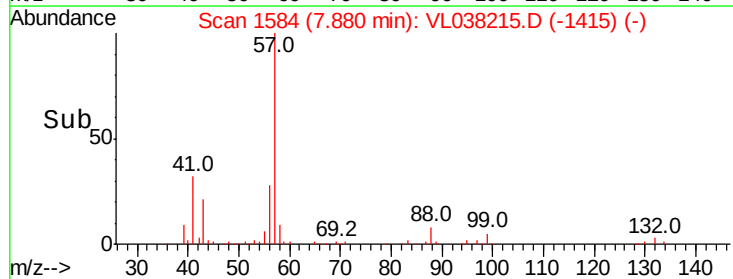
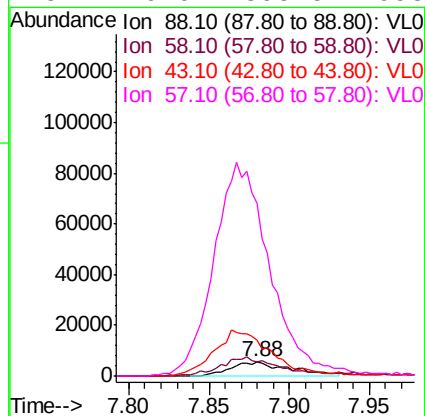
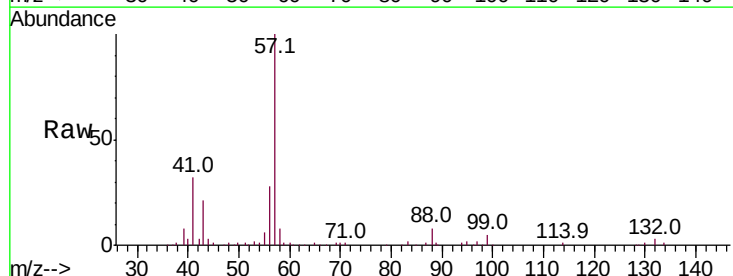
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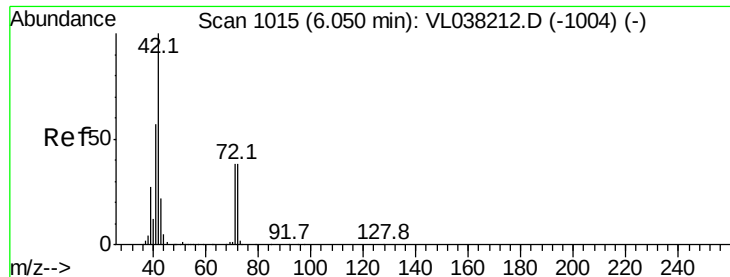
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#40
 1,4-Dioxane
 Concen: 0.614 ppbv m
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.04 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 88 Resp: 14372
 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#



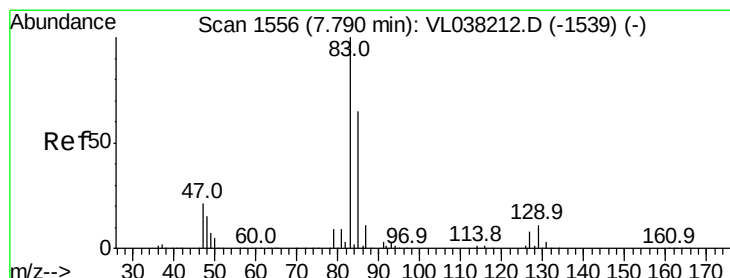
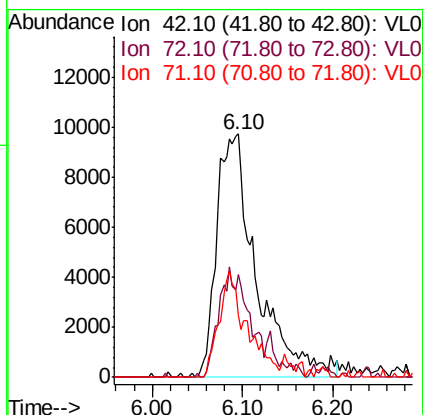
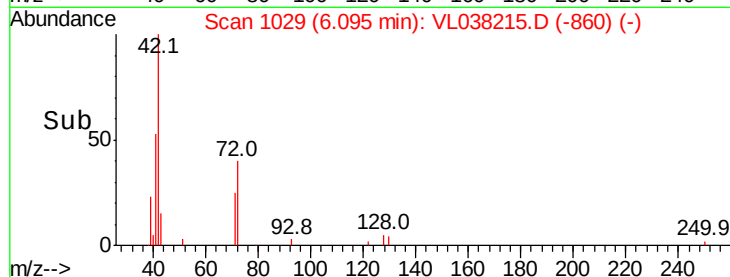
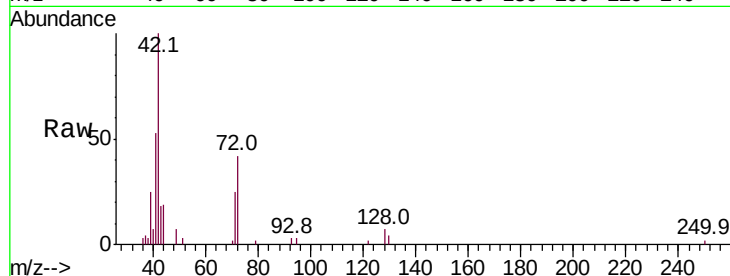


#41
Tetrahydrofuran
Concen: 0.572 ppbv m
RT: 6.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 15:15

Tot Ion:
Ion Ratio
42 100
72 0.
71 0.

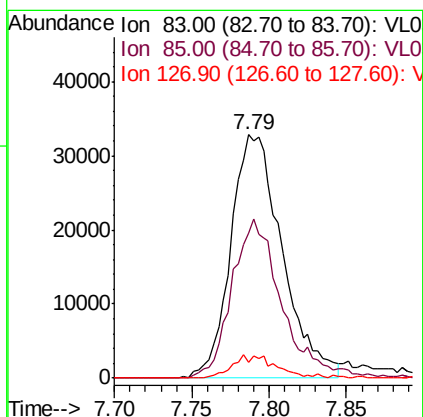
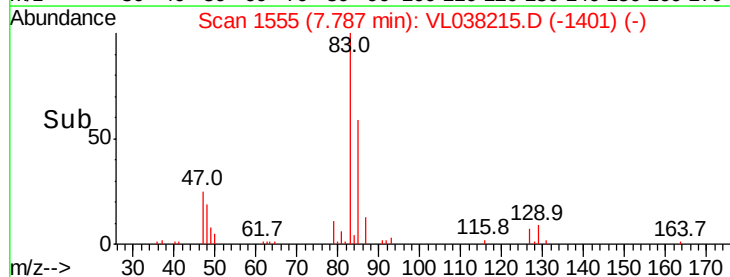
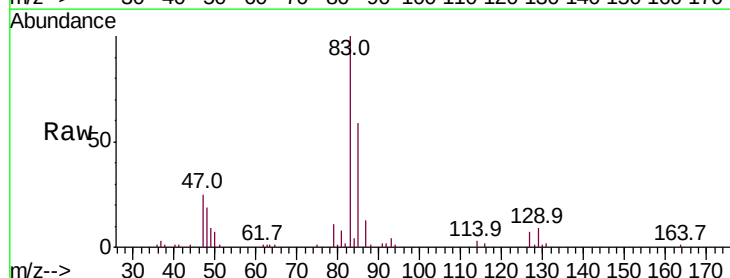
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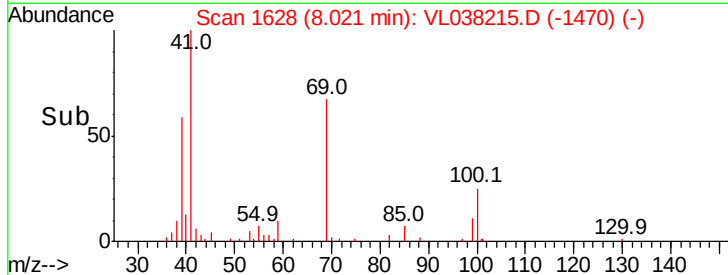
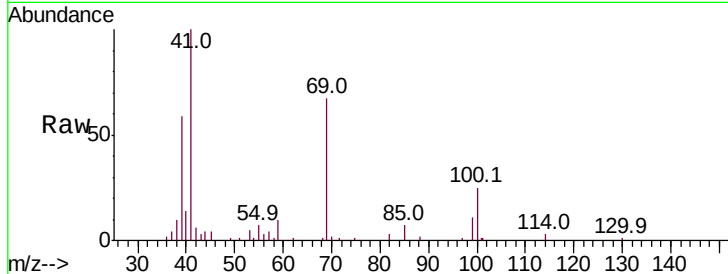
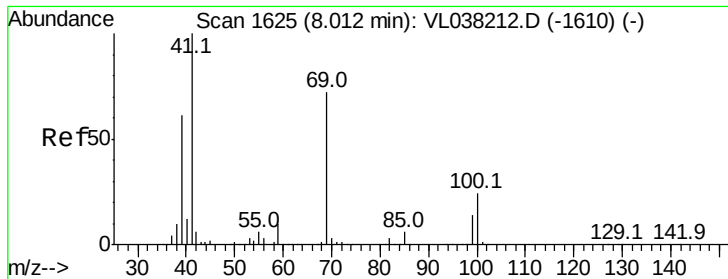
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#42
Bromodichloromethane
Concen: 0.482 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 83 Resp: 75848
Ion Ratio Lower Upper
83 100
85 59.4 52.0 78.0
127 6.7 6.1 9.1





#43

Methyl Methacrylate

Concen: 0.478 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

69 100

41 165.

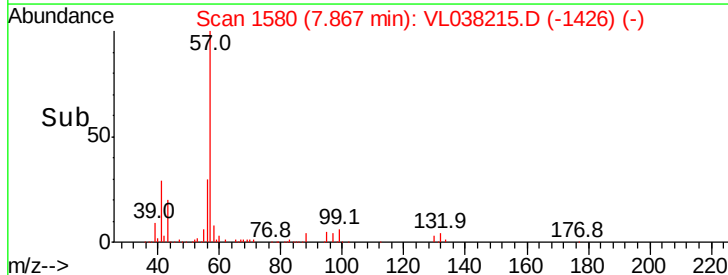
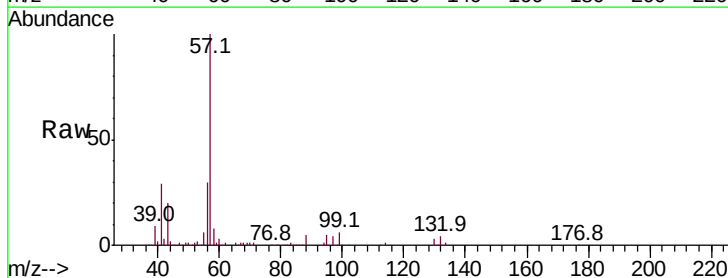
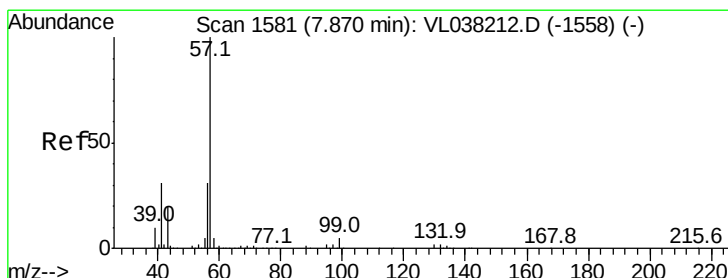
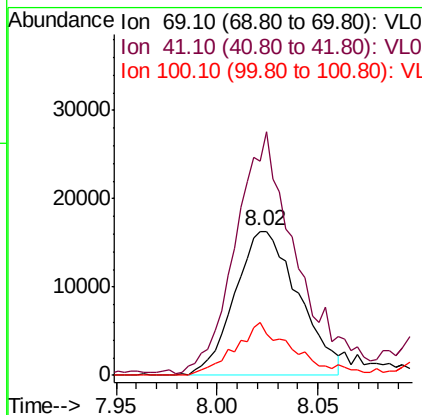
100 34.

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#44

2,2,4-Trimethylpentane

Concen: 0.559 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

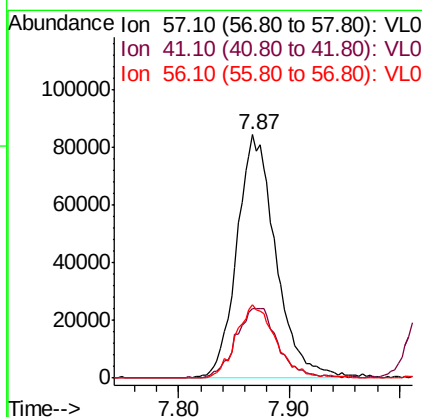
Tgt Ion: 57 Resp: 205882

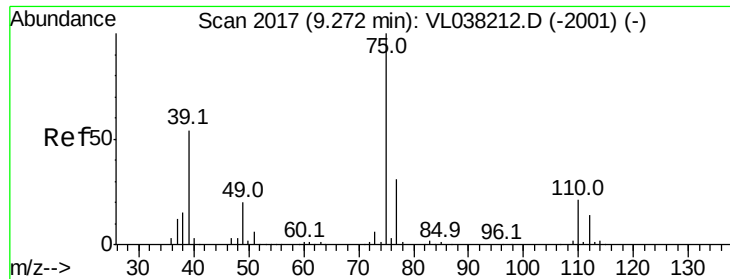
Ion Ratio Lower Upper

57 100

41 31.3 24.9 37.3

56 31.0 24.8 37.2





#45

t-1,3-Dichloropropene

Concen: 0.396 ppbv m

RT: 9.28 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

75 100

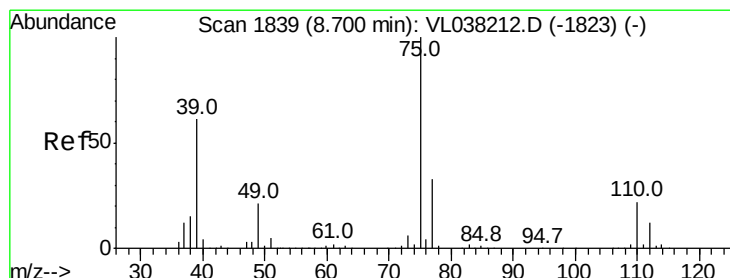
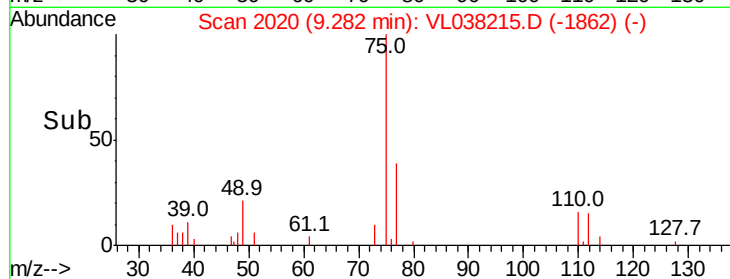
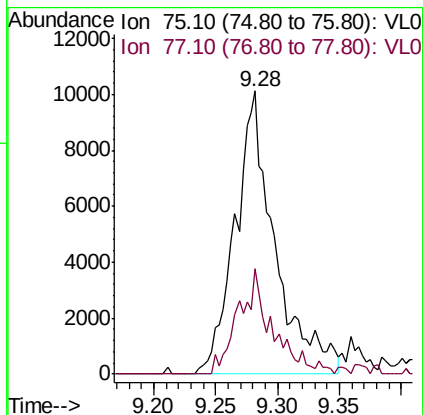
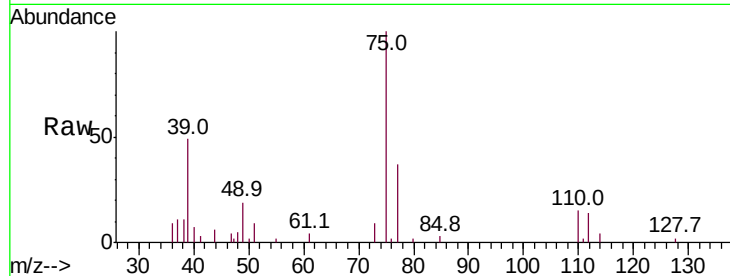
77 37.

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#46

cis-1,3-Dichloropropene

Concen: 0.429 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

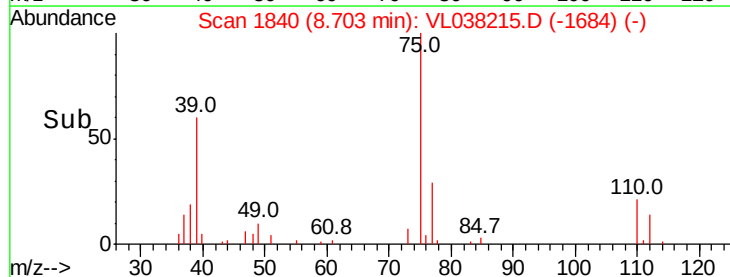
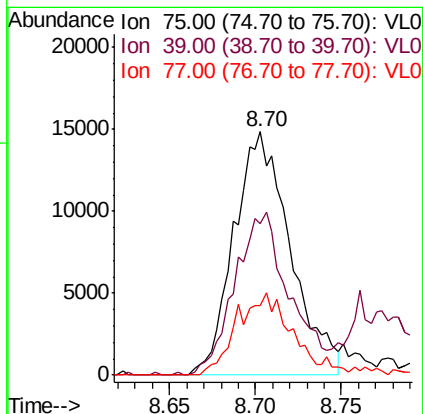
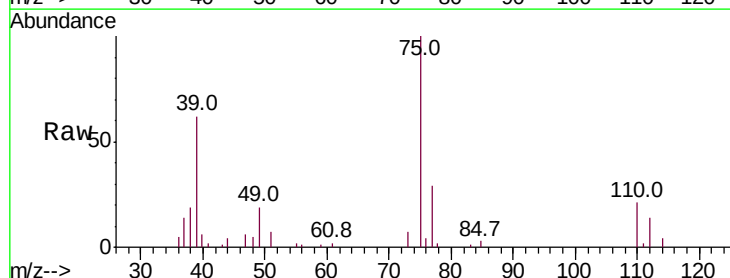
Tgt Ion: 75 Resp: 34010

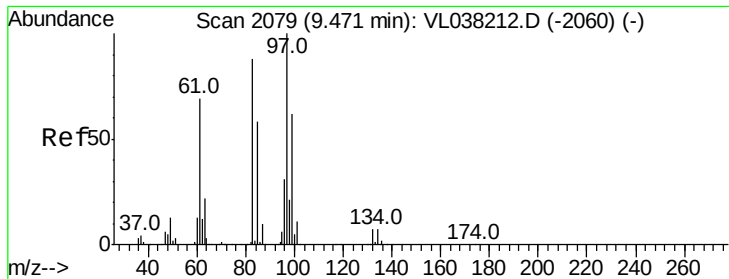
Ion Ratio Lower Upper

75 100

39 62.2 48.9 73.3

77 28.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.528 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 15:15 VSTDIC0.5

Tot Ion:

Ion Ratio

97 100

83 86.

85 49.

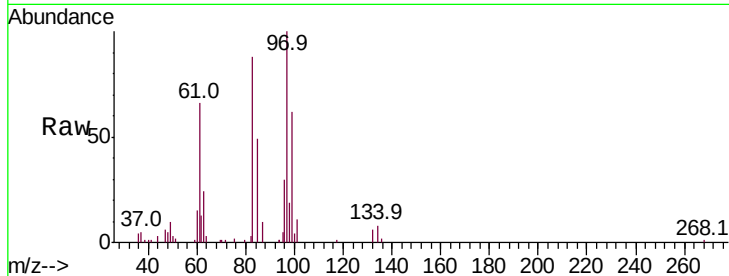
99 62.2 49.8 74.6

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

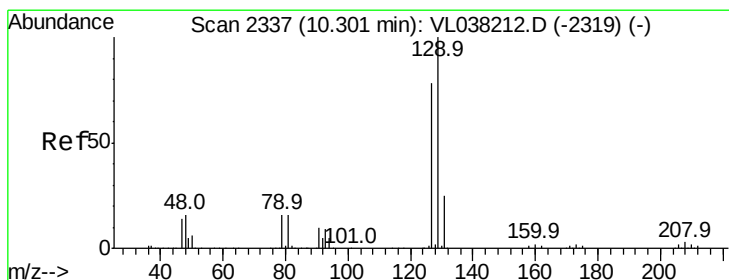
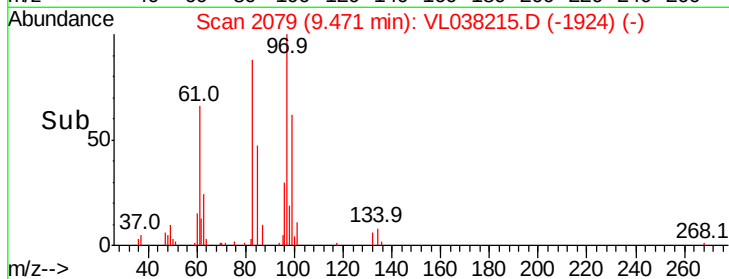
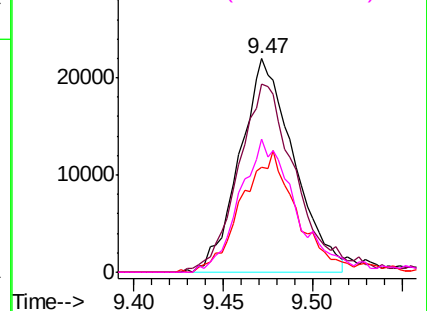


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.422 ppbv m

RT: 10.30 min Scan# 2338

Delta R.T. 0.00 min

Lab File: VL038215.D

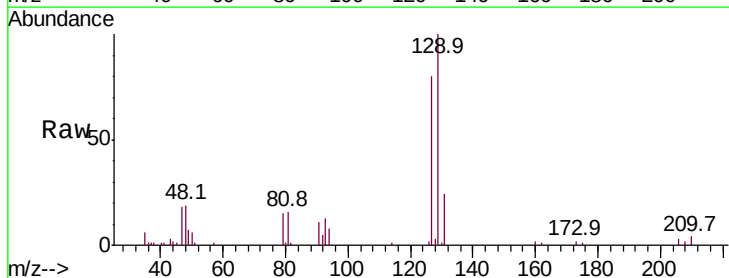
Acq: 21 Dec 2021 15:15

Tgt Ion:129 Resp: 53915

Ion Ratio Lower Upper

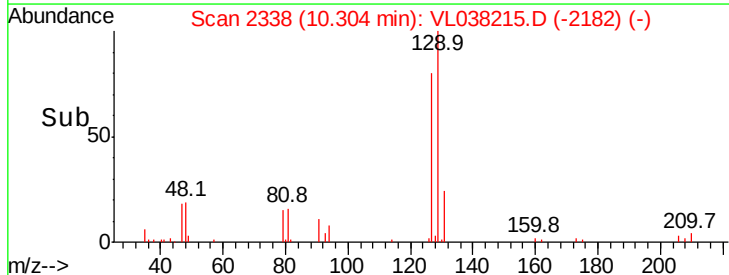
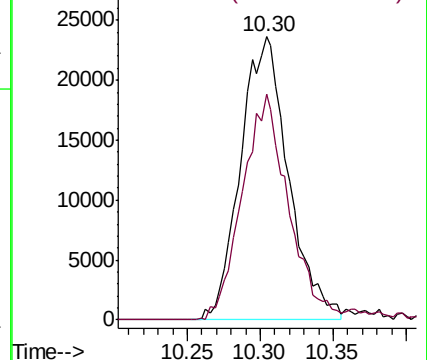
129 100

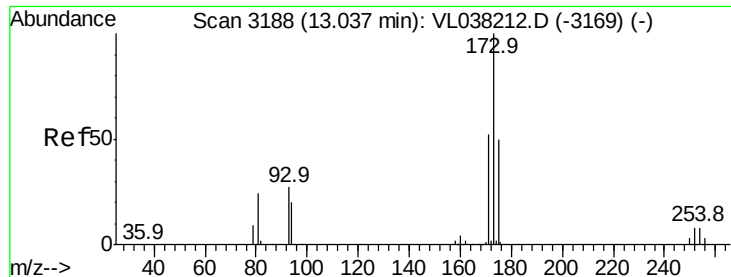
127 80.0 40.2 120.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.385 ppbv m

RT: 13.03

Delta R.T.

Lab File:

Acq: 21 Dec 2021 15:15

Instrument:

MSVOA_L

ClientSampleId:

VSTDIC0.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

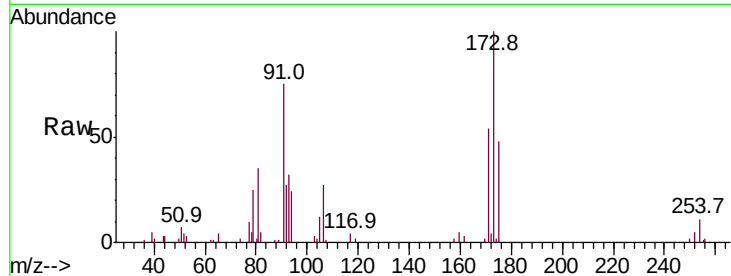
Tot Ion:1

Ion Rati

173 100

175 48.

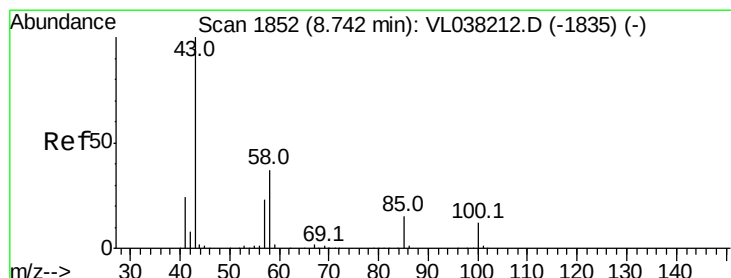
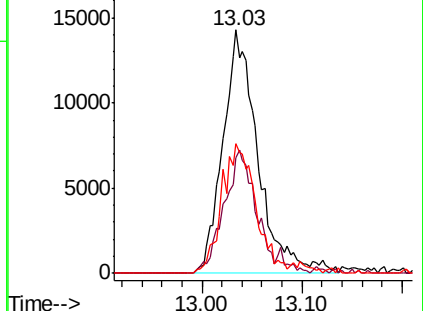
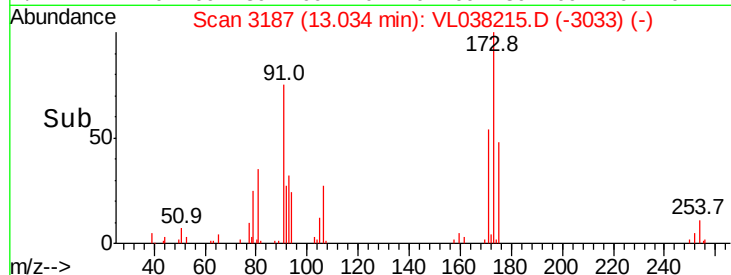
171 0.



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.457 ppbv

RT: 8.77 min Scan# 1861

Delta R.T. 0.03 min

Lab File: VL038215.D

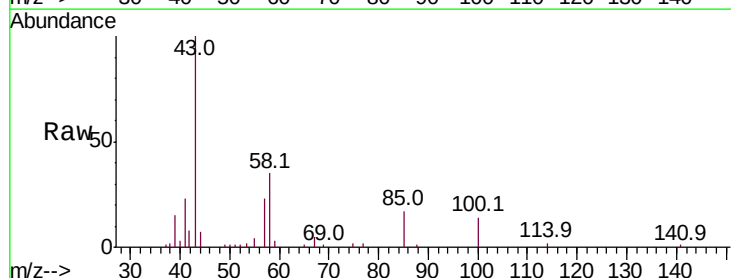
Acq: 21 Dec 2021 15:15

Tgt Ion: 43 Resp: 60182

Ion Ratio Lower Upper

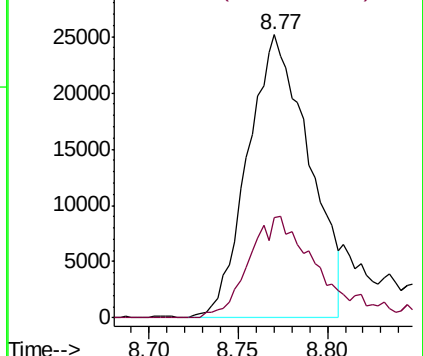
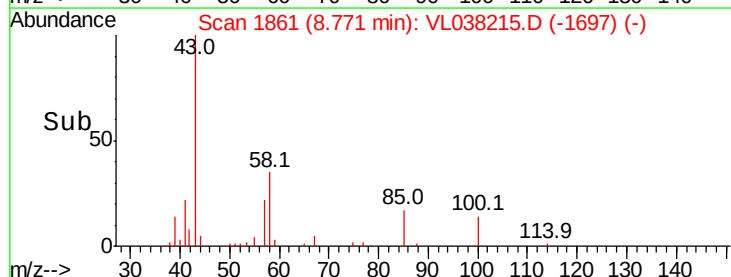
43 100

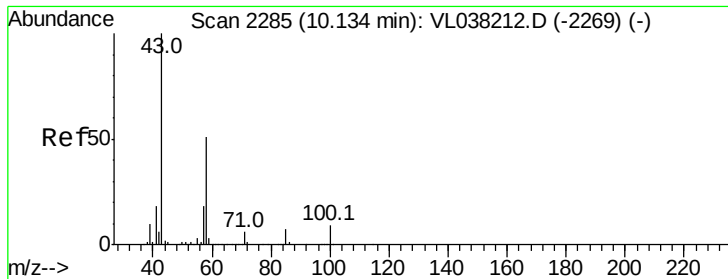
58 40.1 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 0.573 ppbv m

RT: 10.17

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

43 100

58 0.

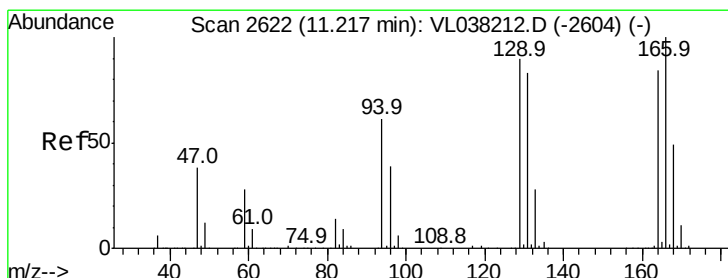
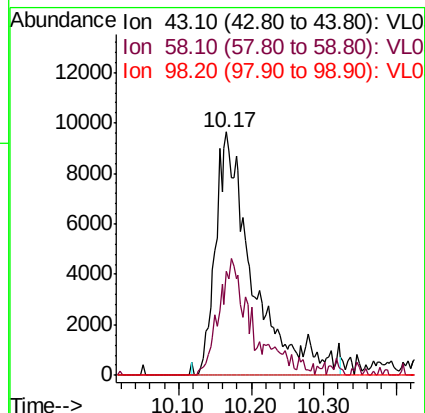
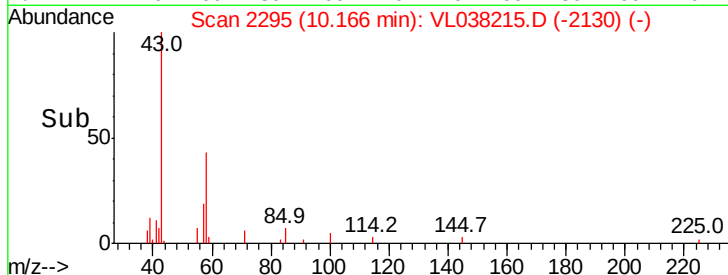
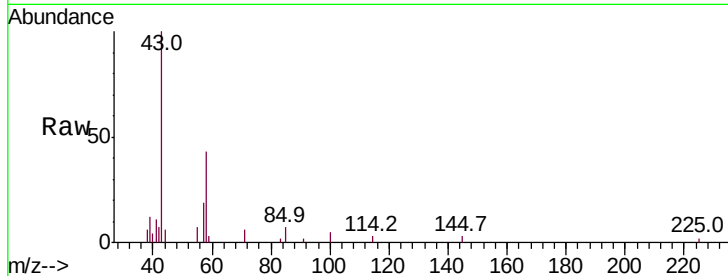
98 0.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#52

Tetrachloroethene

Concen: 0.507 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

Tgt Ion:164 Resp: 41642

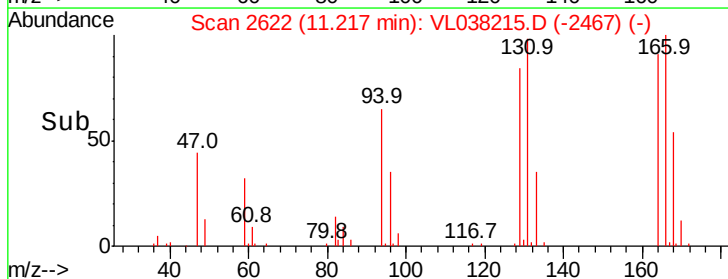
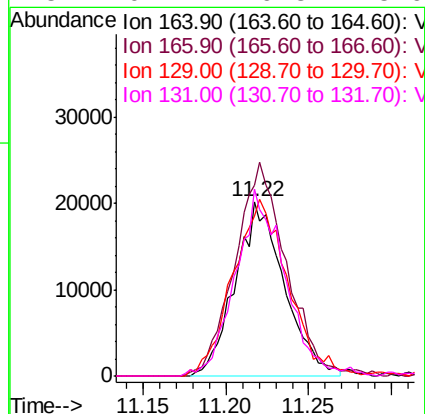
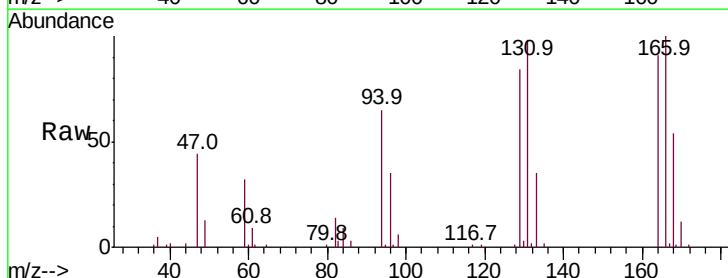
Ion Ratio Lower Upper

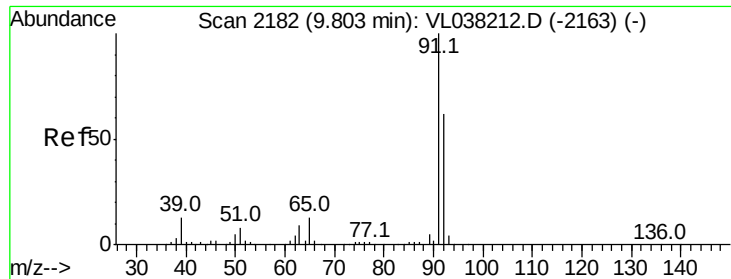
164 100

166 107.3 95.6 143.4

129 87.9 85.8 128.8

131 104.4 79.3 118.9





#53

Toluene

Concen: 0.537 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 15:15

Tot Ion:

Ion Ratio

91 100

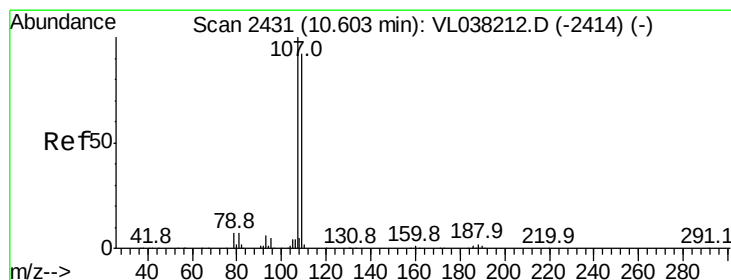
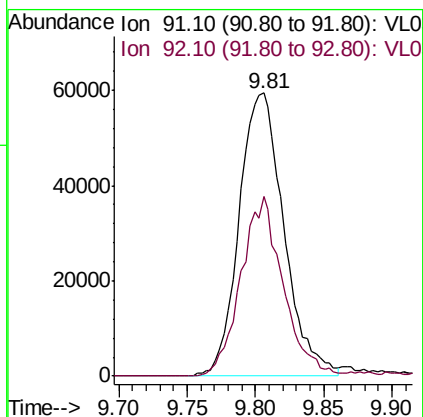
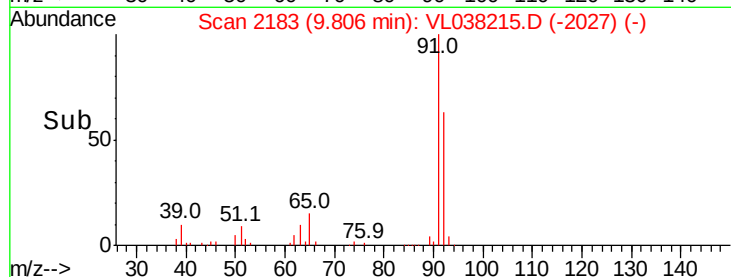
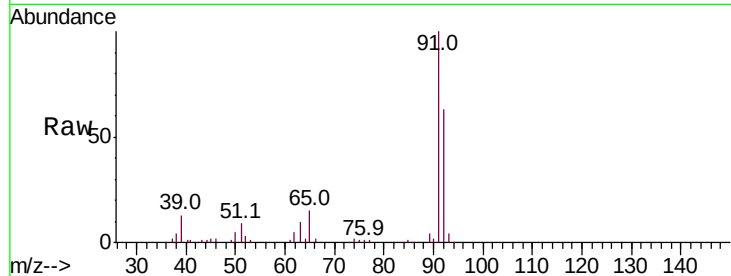
92 61.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 0.513 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL038215.D

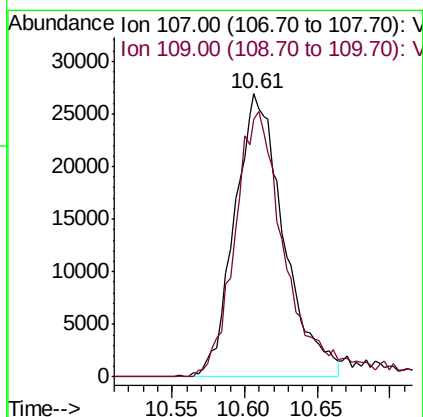
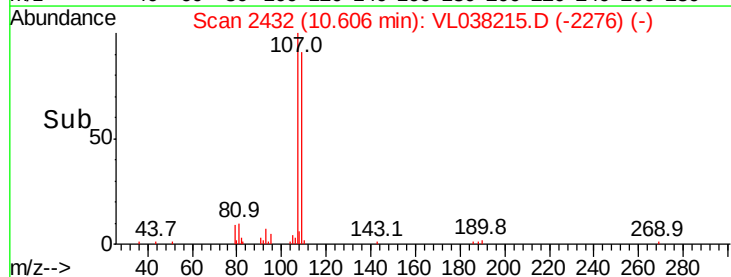
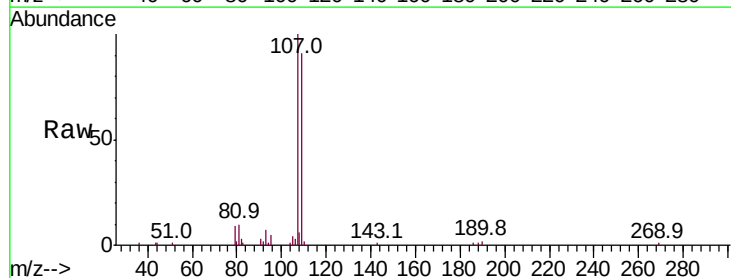
Acq: 21 Dec 2021 15:15

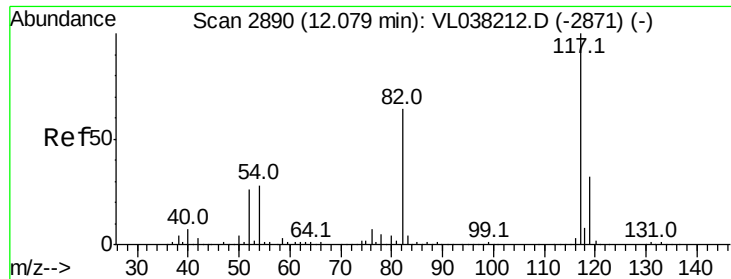
Tgt Ion:107 Resp: 63594

Ion Ratio Lower Upper

107 100

109 91.1 73.3 109.9



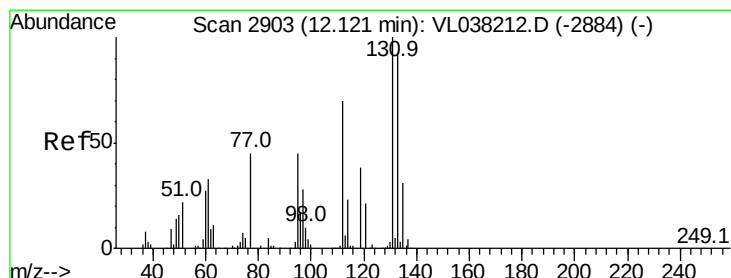
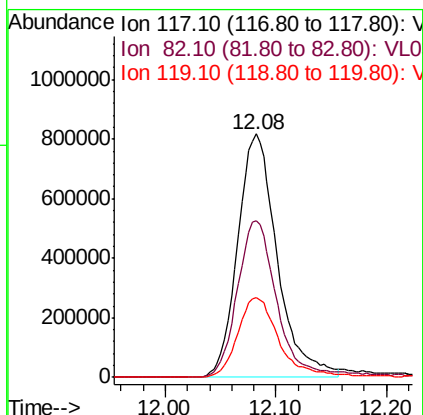
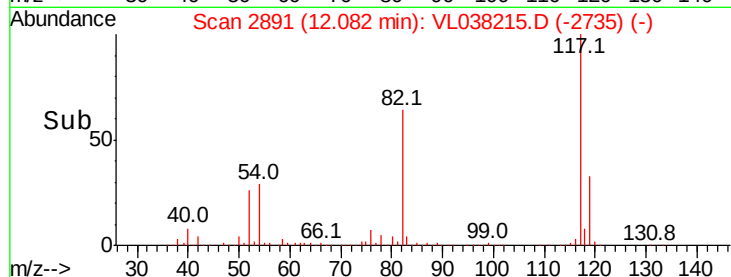
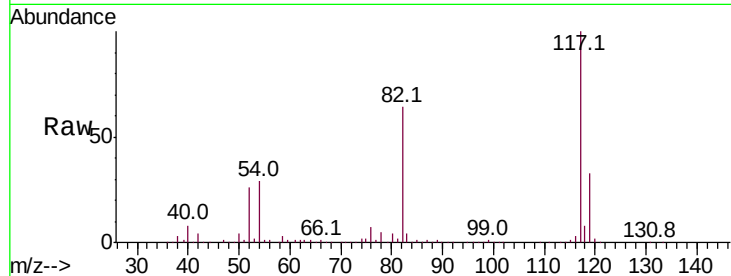


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 15:15

Tot Ion:1
Ion Rati
117 100
82 67.
119 34.

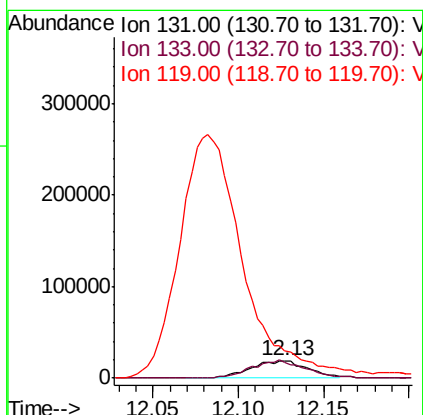
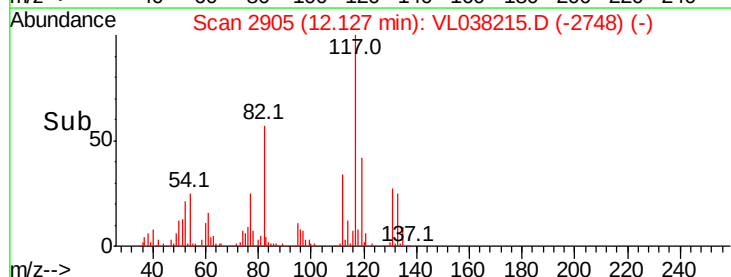
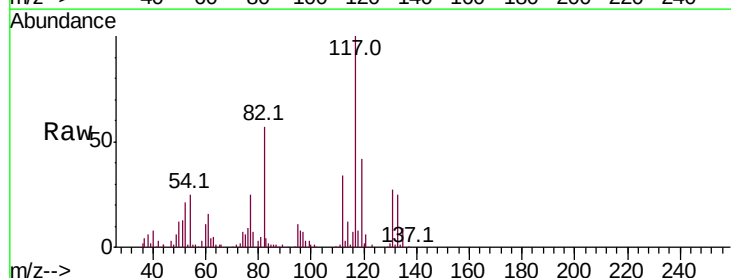
Manual Integrations
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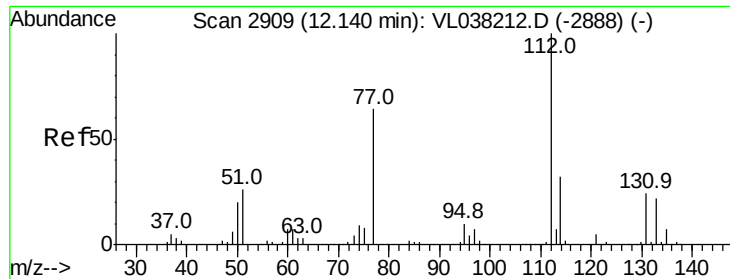
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.505 ppbv m
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion:131 Resp: 43749
Ion Ratio Lower Upper
131 100
133 99.9 77.6 116.4
119 0.0 124.8 187.2#



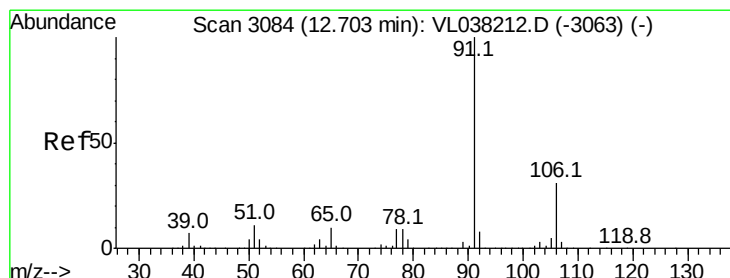
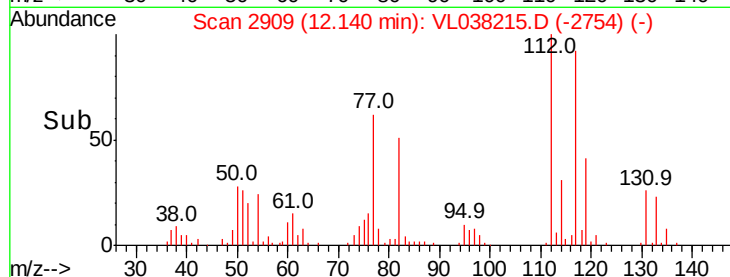
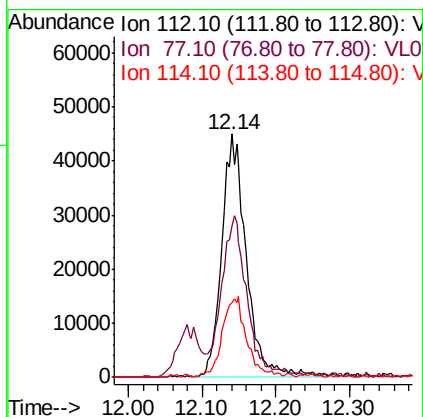
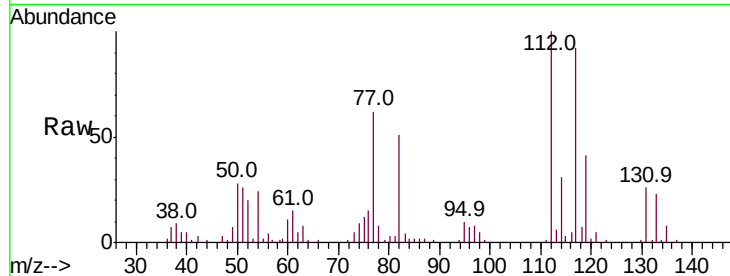


#57
 Chlorobenzene
 Concen: 0.600 ppbv m
 RT: 12.14 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion: 1
 Ion Ratio
 112 100
 77 62.1
 114 30.9

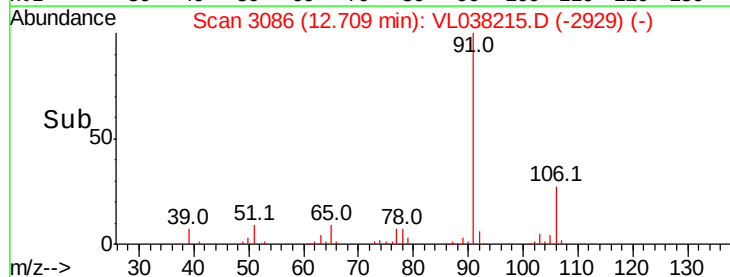
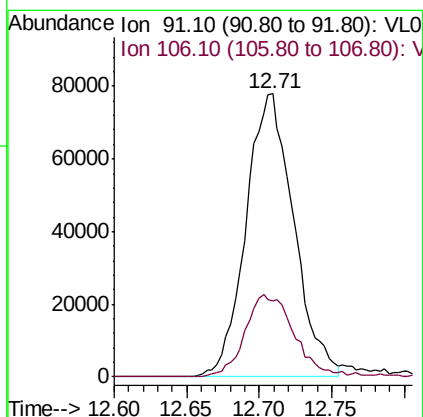
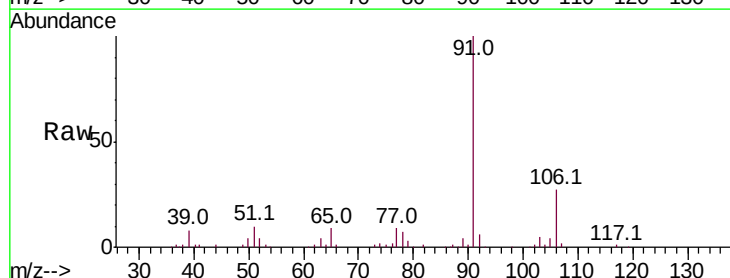
Manual Integrations
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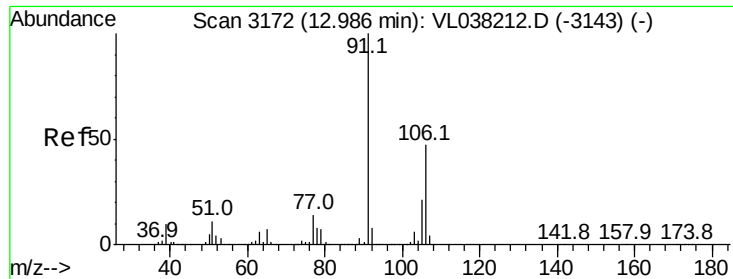
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#58
 Ethyl Benzene
 Concen: 0.558 ppbv
 RT: 12.71 min Scan# 3086
 Delta R.T. 0.01 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 91 Resp: 178607
 Ion Ratio Lower Upper
 91 100
 106 27.1 25.0 37.4



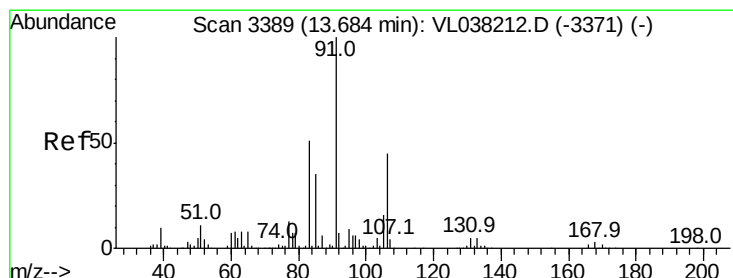
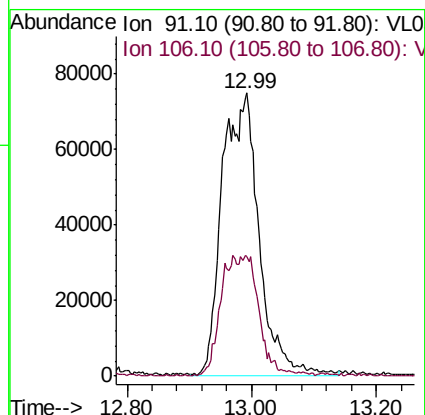
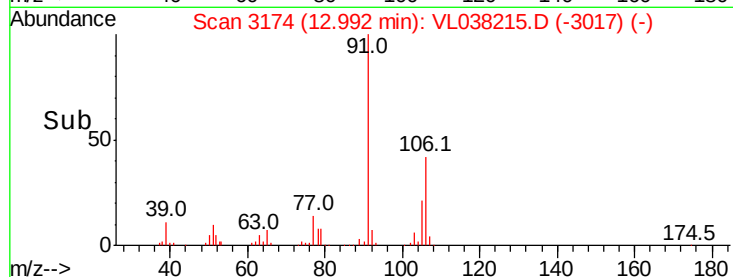
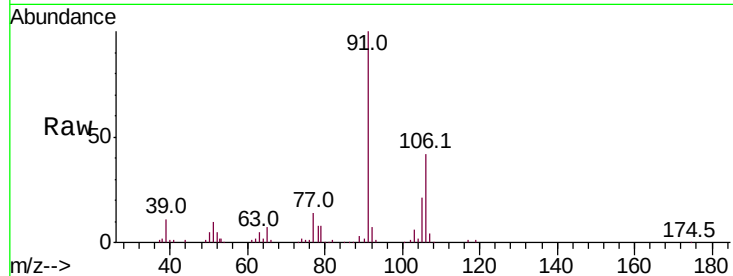


#59
m/p-Xylene
Concen: 1.141 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 15:15
VSTDIC0.5

Tot Ion:
Ion Ratio
91 100
106 44.

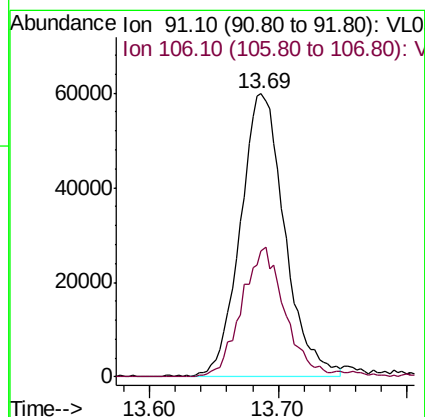
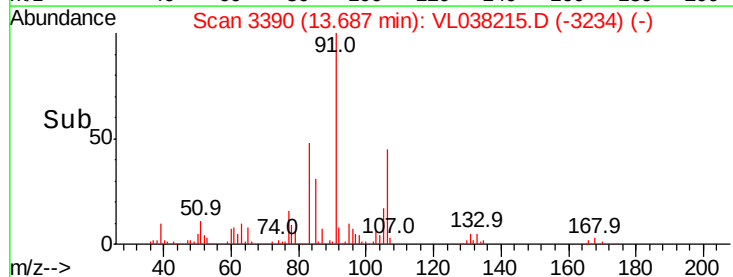
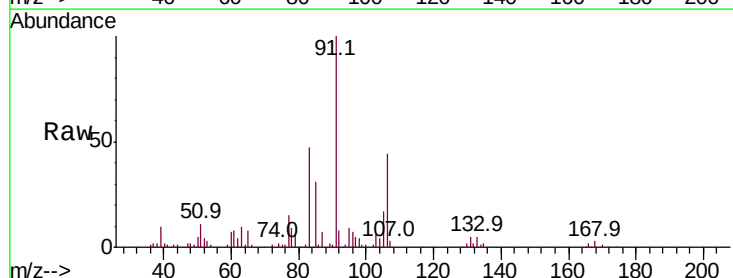
Manual Integrations
APPROVED

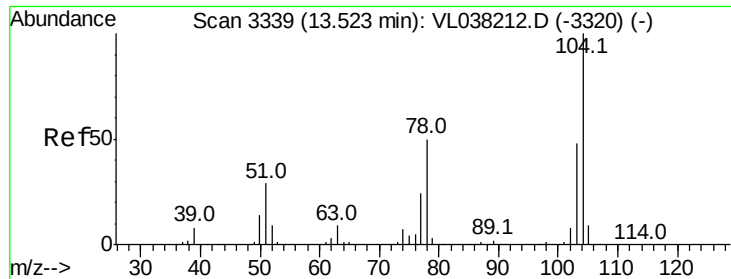
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#60
o-Xylene
Concen: 0.568 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion: 91 Resp: 143498
Ion Ratio Lower Upper
91 100
106 45.6 23.5 70.5



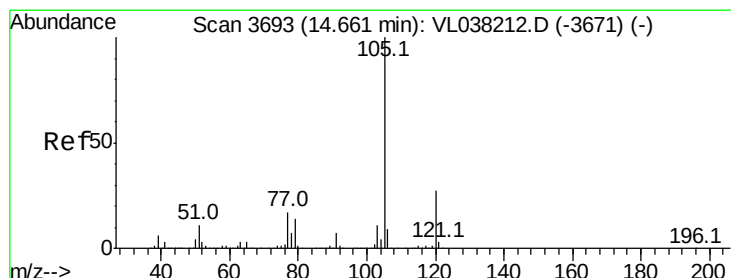
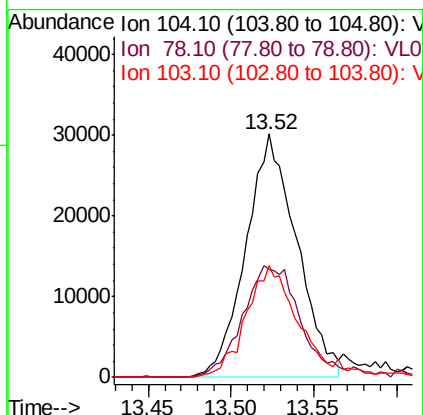
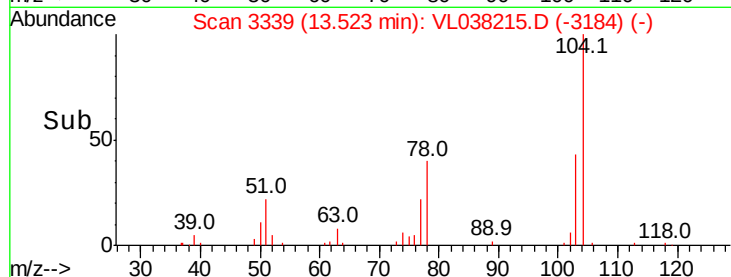
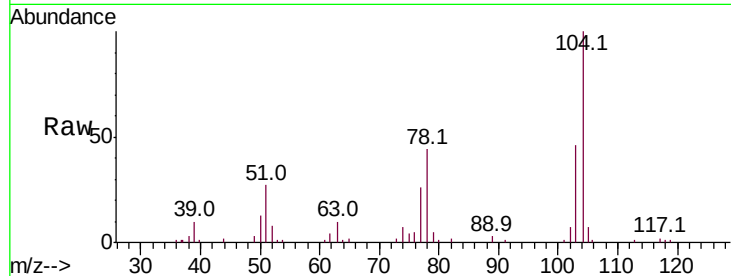


#61
Stvrene
Concen: 0.495 ppbv
RT: 13.52
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
VSTDIC0.5
Acq: 21 Dec 2021 15:15

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

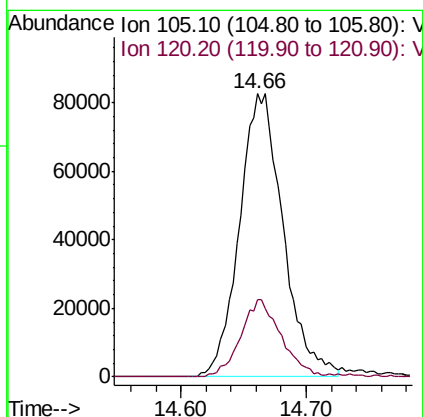
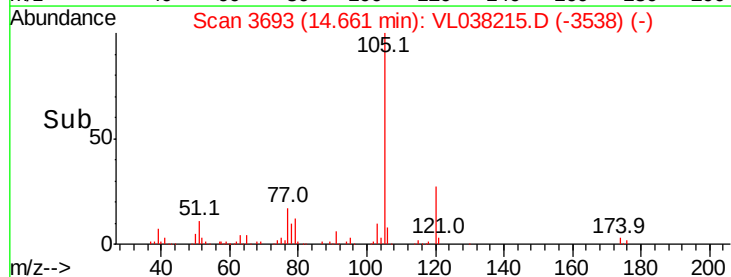
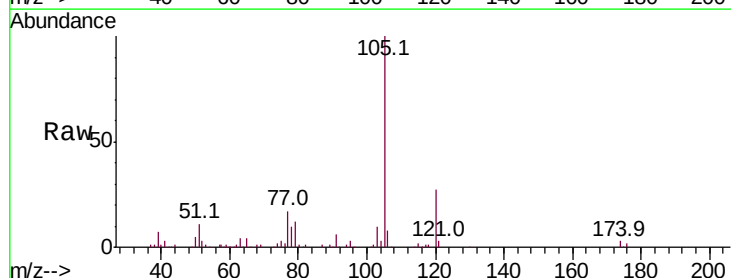
Manual Integrations
APPROVED

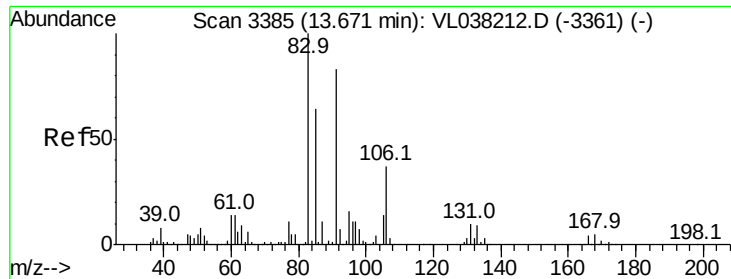
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#62
Isopropylbenzene
Concen: 0.562 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion:105 Resp: 200169
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6



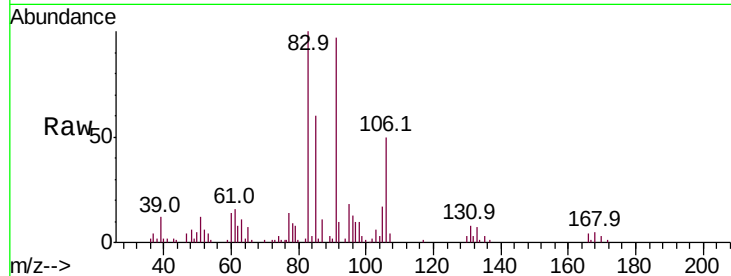


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.527 ppbv
 RT: 13.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

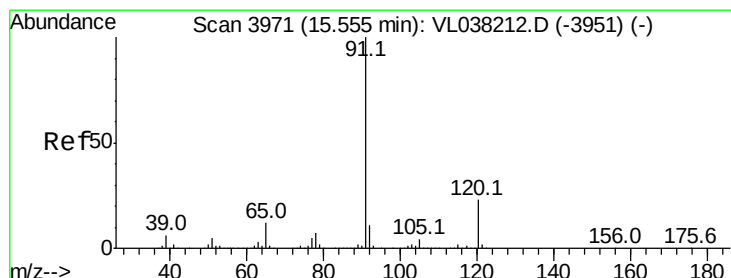
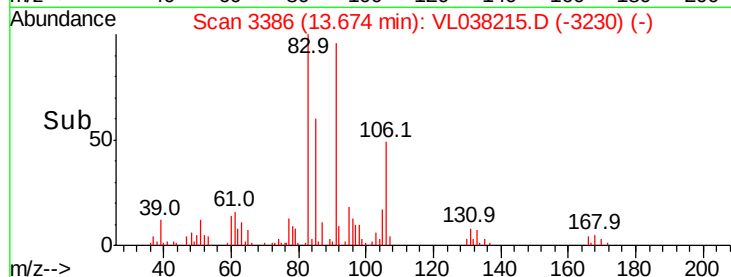
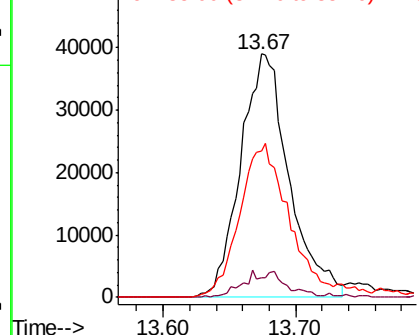
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 68.

Manual Integrations
 APPROVED

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

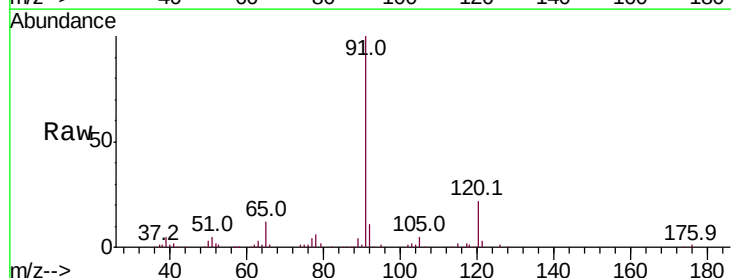


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

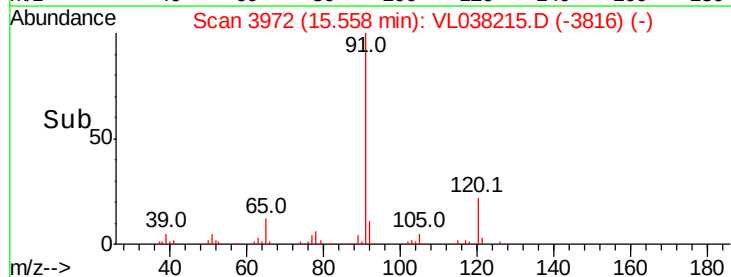
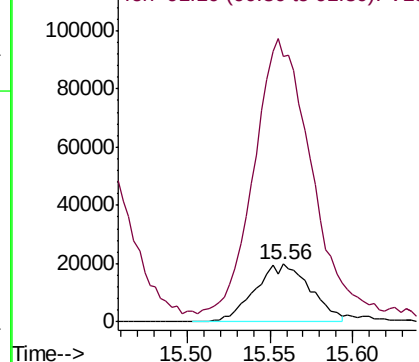


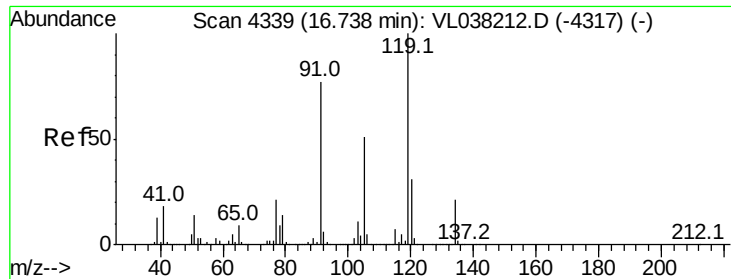
#64
 n-propylbenzene
 Concen: 0.511 ppbv m
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:120 Resp: 46076
 Ion Ratio Lower Upper
 120 100
 91 537.9 381.5 572.3



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0



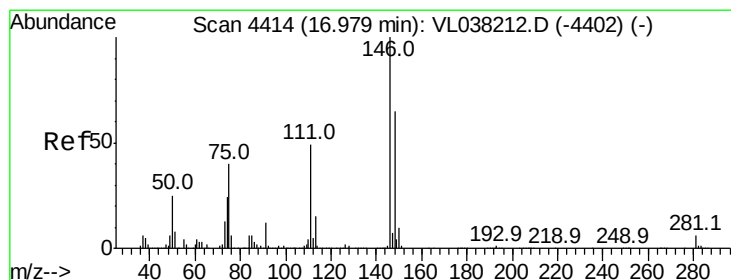
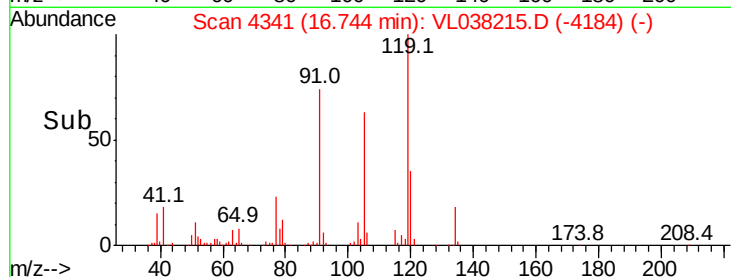
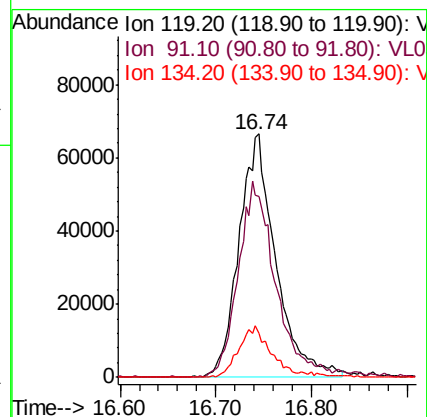
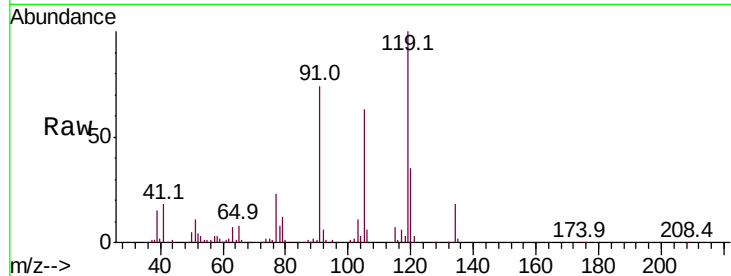


#65
 tert-Butylbenzene
 Concen: 0.564 ppbv m
 RT: 16.74
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 119 100
 91 83.
 134 19.

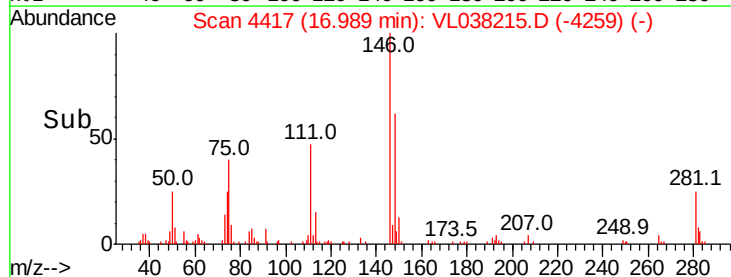
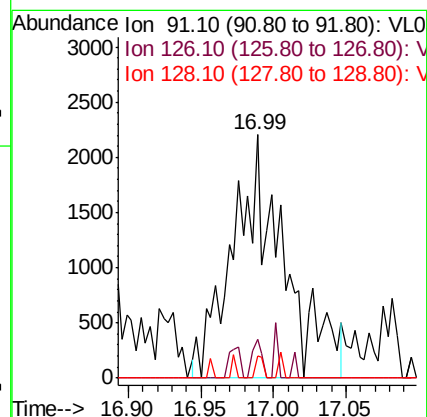
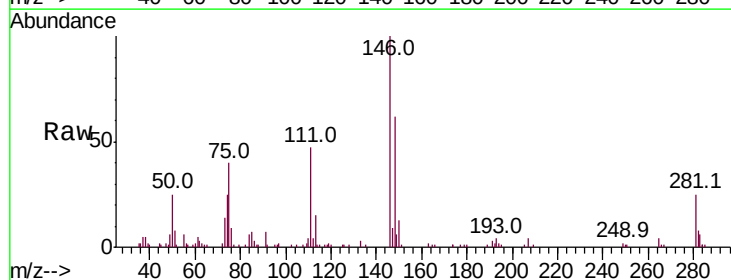
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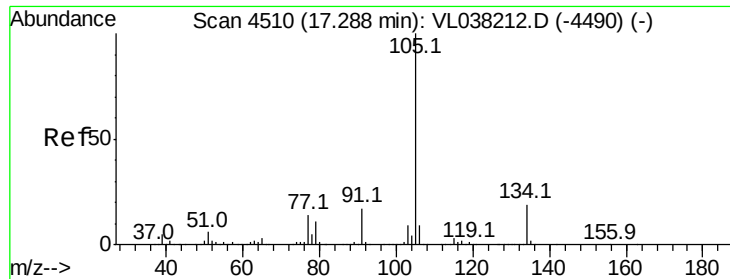
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#66
 Benzyl Chloride
 Concen: 0.417 ppbv m
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 91 Resp: 5409
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.0 24.0#
 128 2.0 5.0 7.6#





#67

sec-Butylbenzene

Concen: 0.539 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15

Tot Ion:1

Ion Rati

105 100

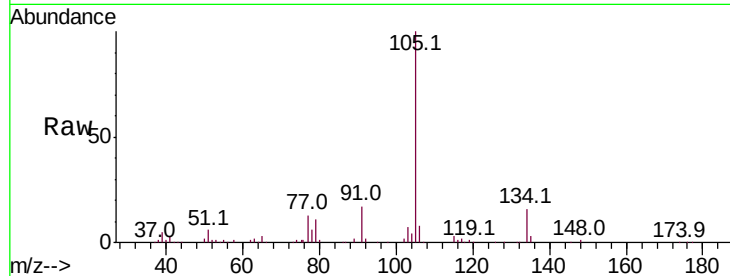
134 18.

Manual Integrations

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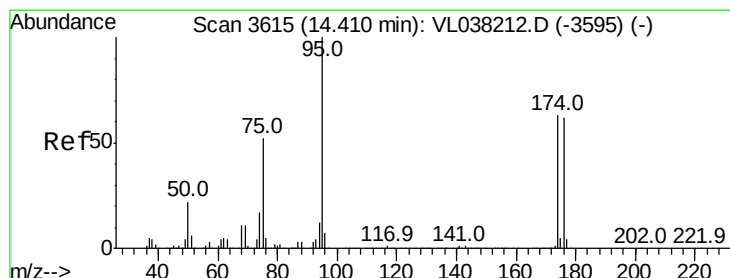
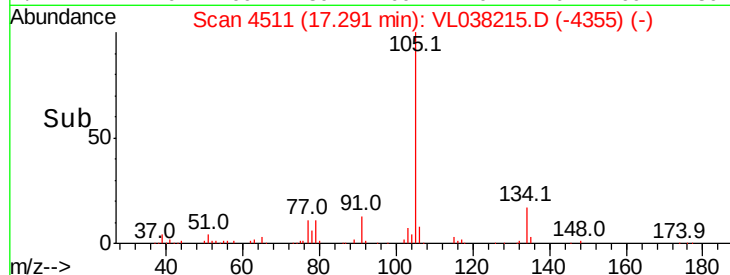
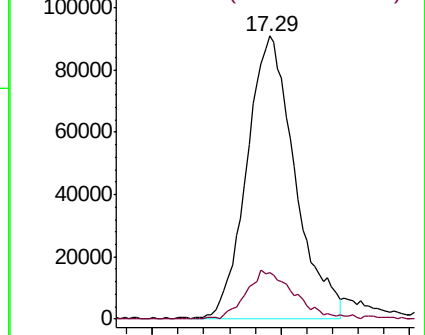
Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



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: 10.701 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

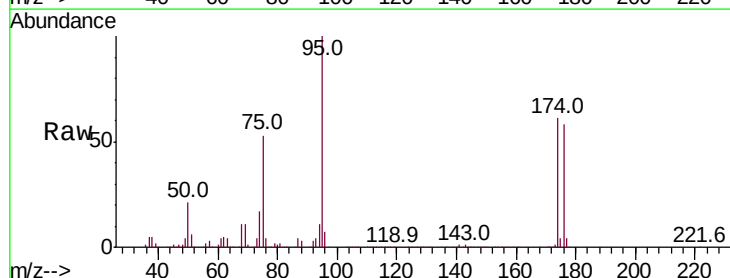
Tgt Ion: 95 Resp: 1591195

Ion Ratio Lower Upper

95 100

174 64.6 54.6 81.8

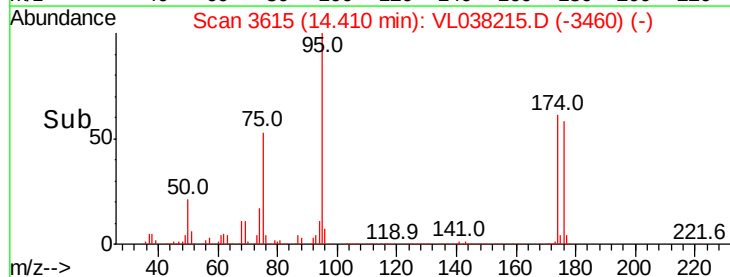
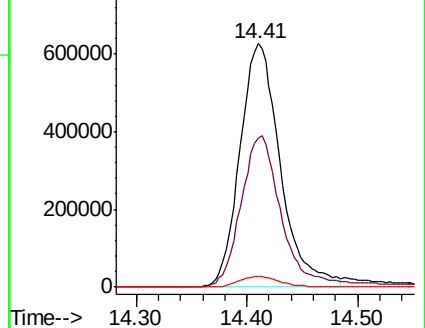
175 4.6 4.1 6.1

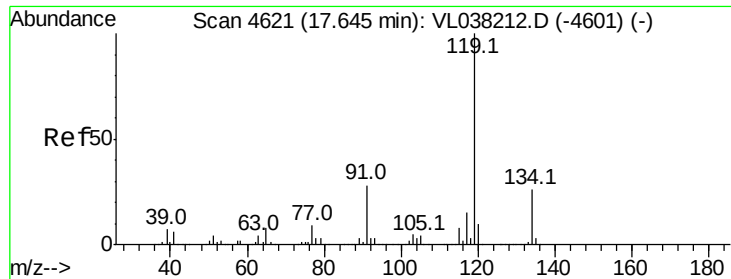


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



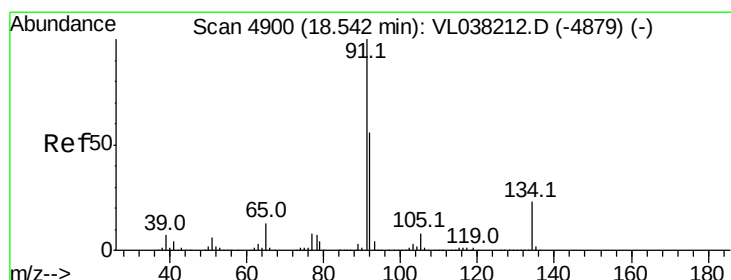
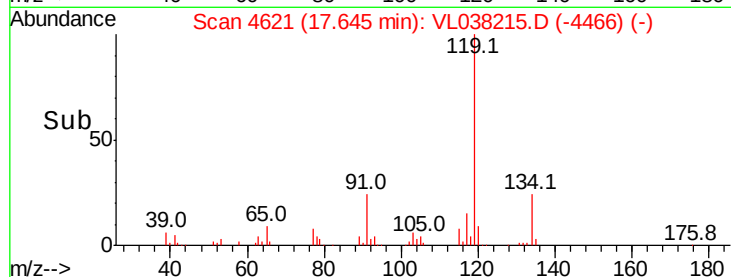
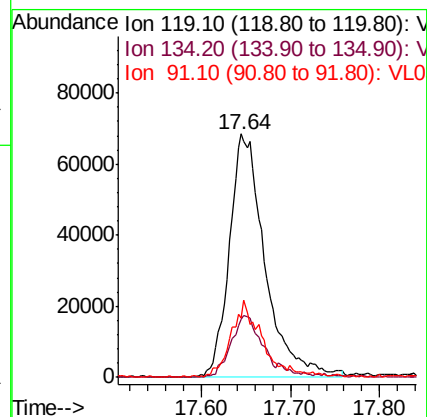
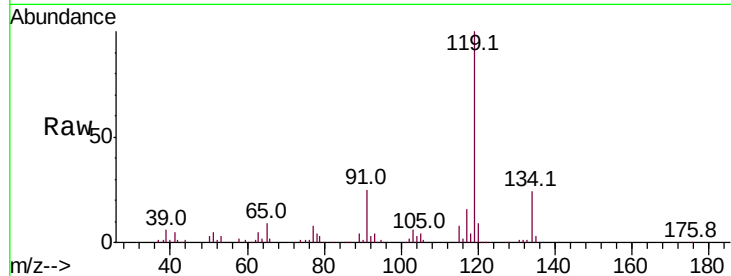


#69
 p-Isopropyltoluene
 Concen: 0.557 ppbv m
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion: 1
 Ion Ratio
 119 100
 134 23.
 91 28.

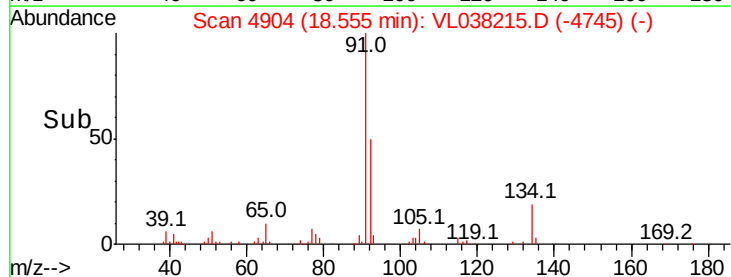
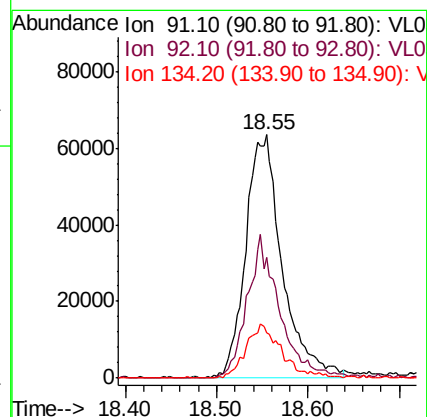
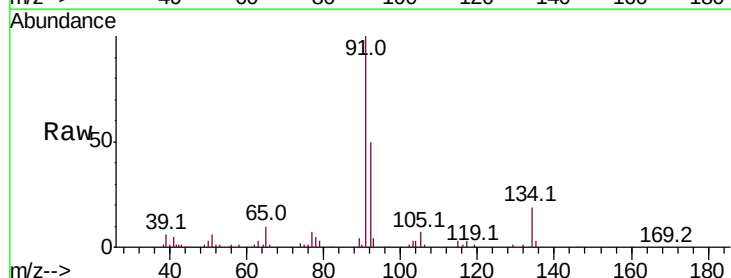
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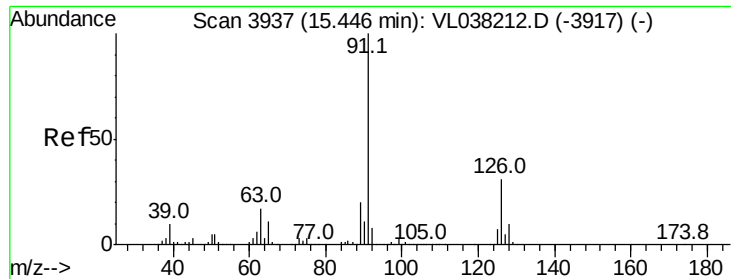
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#70
 n-Butylbenzene
 Concen: 0.542 ppbv m
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion: 91 Resp: 176579
 Ion Ratio Lower Upper
 91 100
 92 52.9 44.0 66.0
 134 21.9 18.5 27.7



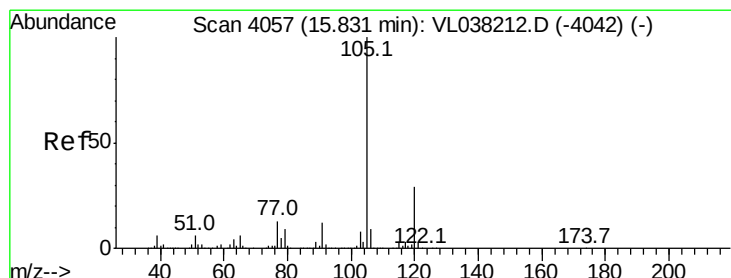
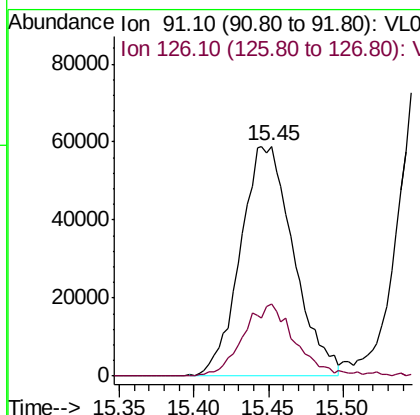
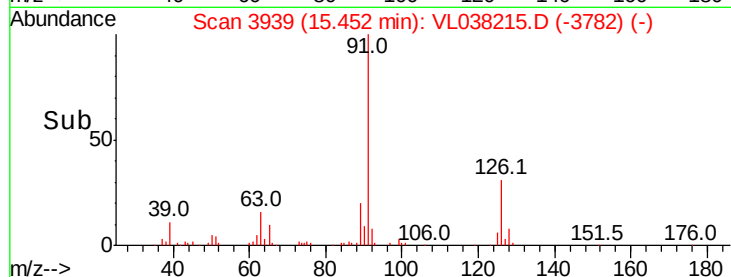
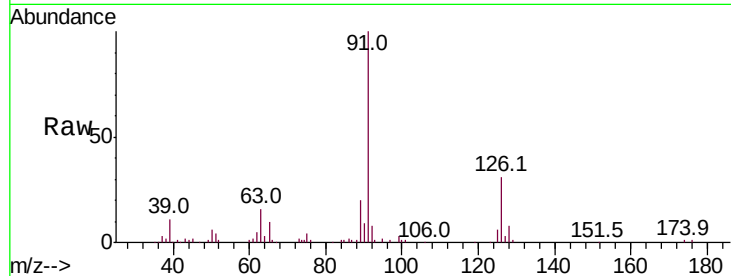


#71
 2-Chlorotoluene
 Concen: 0.556 ppbv m
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:
 Ion Ratio
 91 100
 126 31.

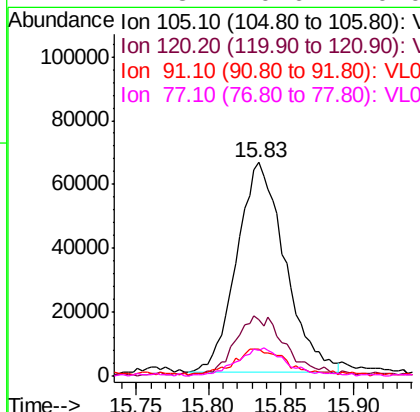
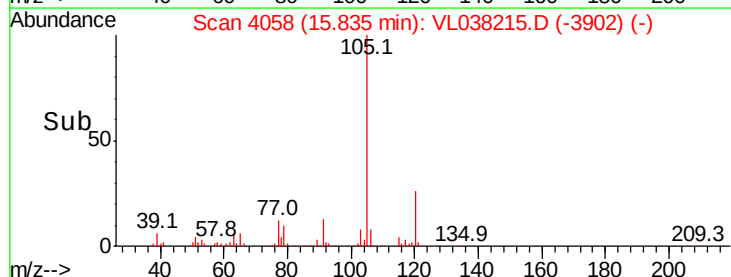
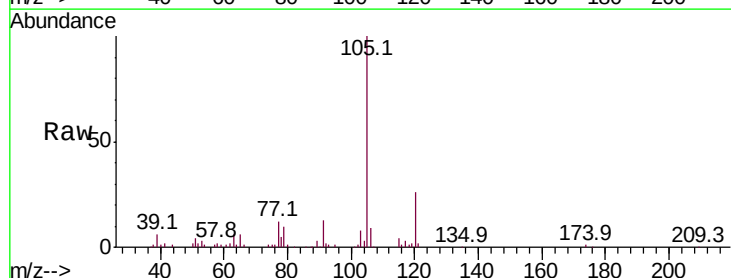
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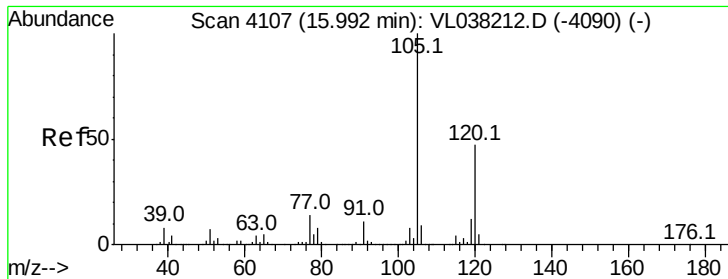
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#72
 4-Ethyltoluene
 Concen: 0.521 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:105 Resp: 152056
 Ion Ratio Lower Upper
 105 100
 120 32.9 24.3 36.5
 91 14.2 9.8 14.6
 77 14.3 10.6 16.0



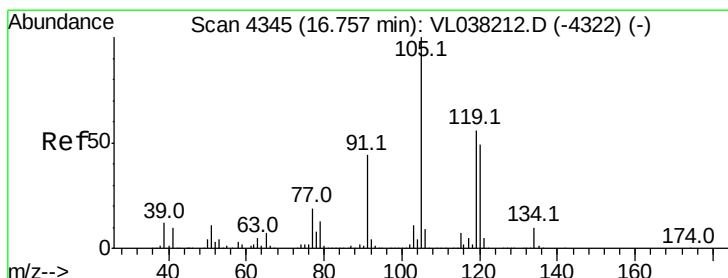
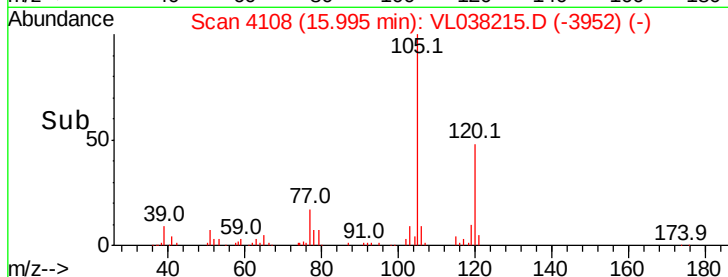
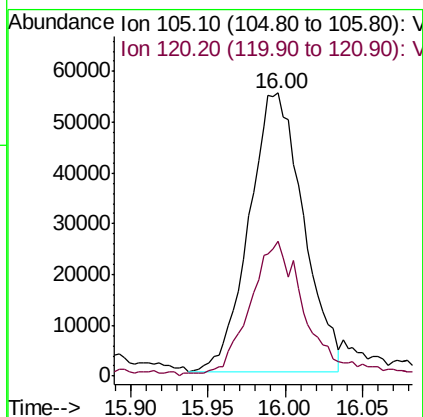
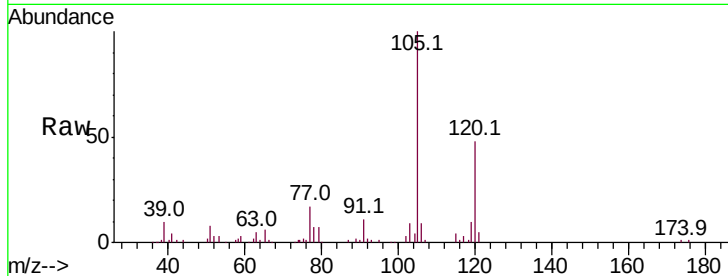


#73
 1,3,5-Trimethylbenzene
 Concen: 0.501 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 105 100
 120 47.

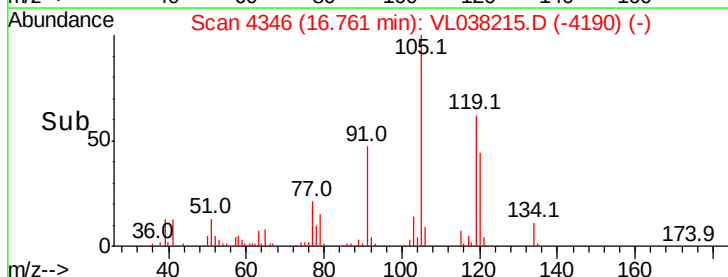
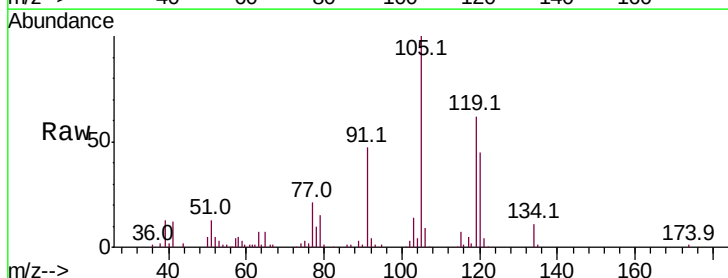
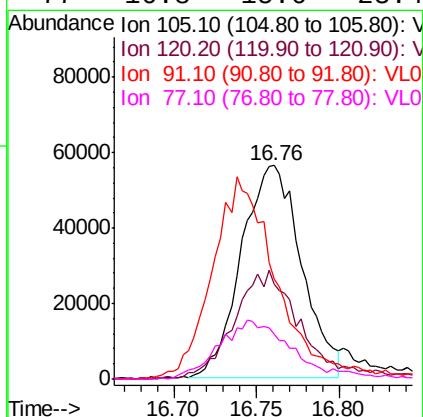
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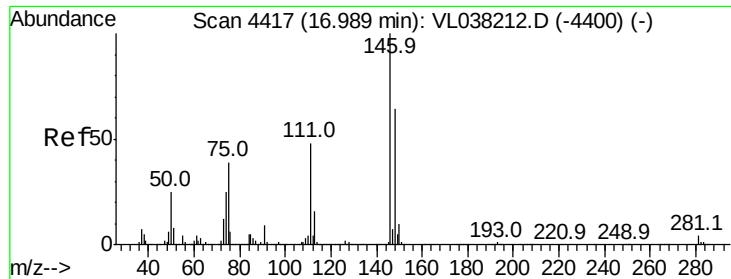
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 0.514 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:105 Resp: 141546
 Ion Ratio Lower Upper
 105 100
 120 41.6 39.4 59.2
 91 39.6 35.0 52.4
 77 16.8 15.6 23.4



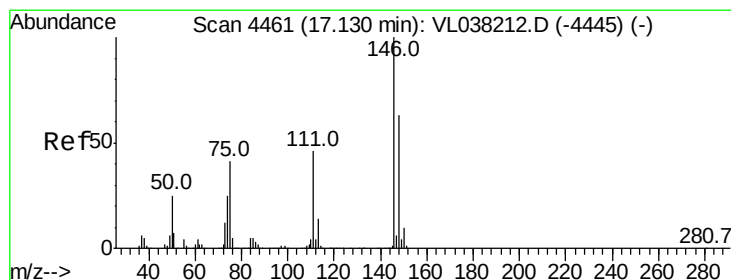
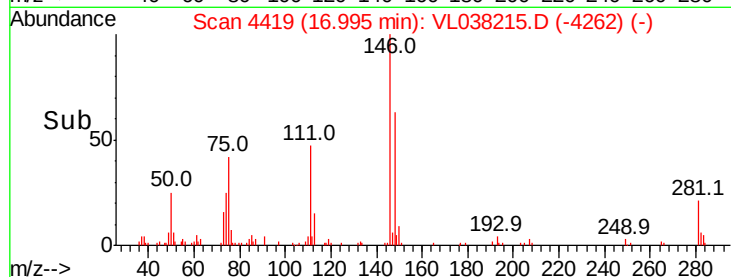
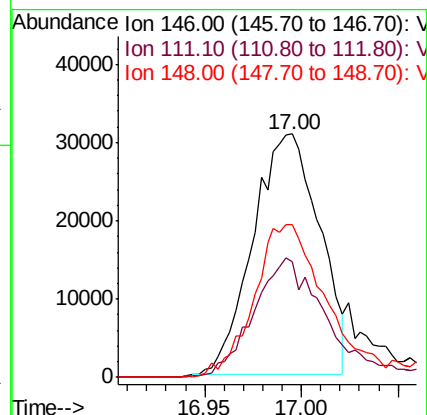
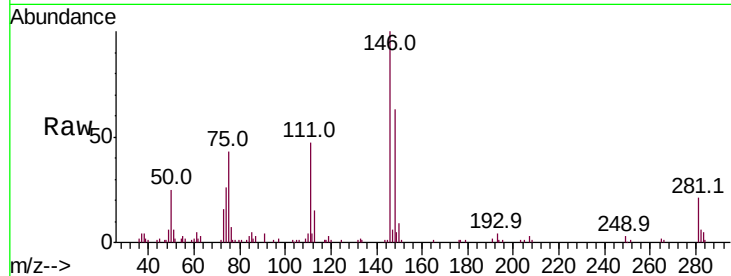


#75
 1,3-Dichlorobenzene
 Concen: 0.491 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 146 100
 111 55.
 148 71.

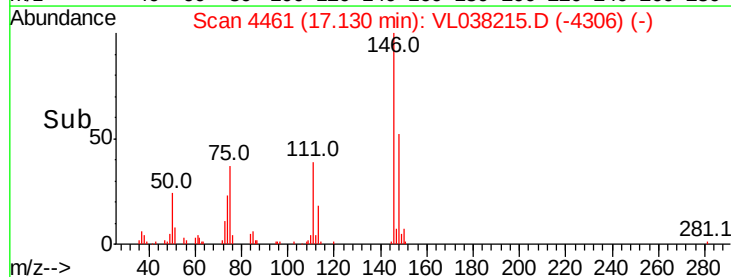
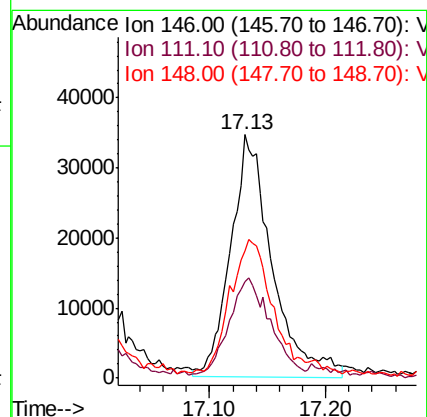
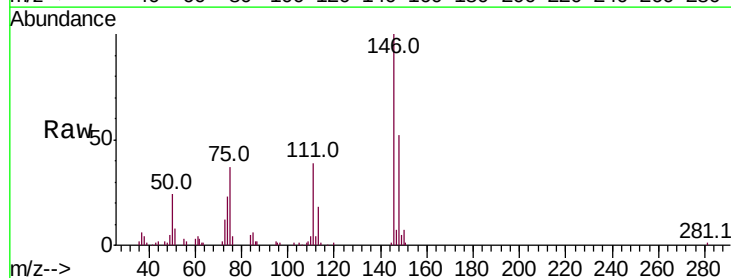
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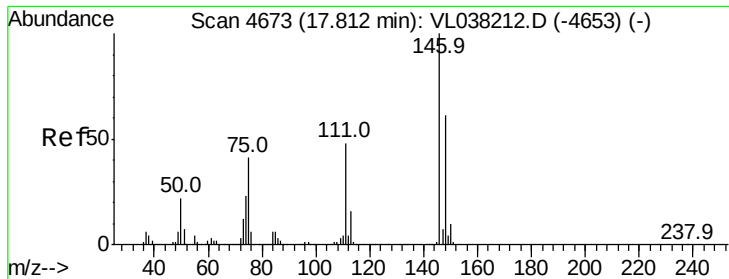
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 0.594 ppbv m
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL038215.D
 Acq: 21 Dec 2021 15:15

Tgt Ion:146 Resp: 85962
 Ion Ratio Lower Upper
 146 100
 111 47.4 23.6 71.0
 148 64.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.520 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 15:15

Tot Ion:1

Ion Rati

146 100

111 54.

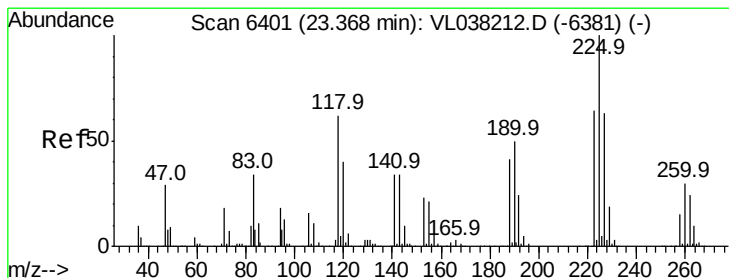
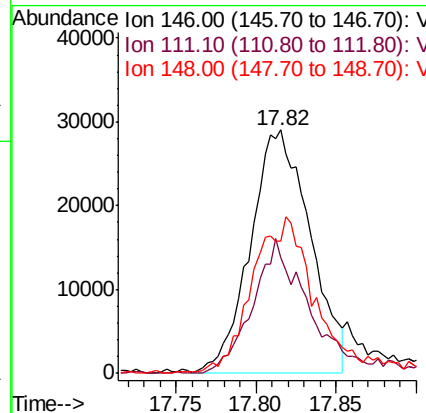
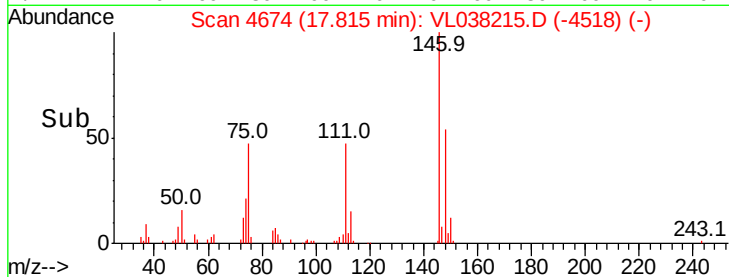
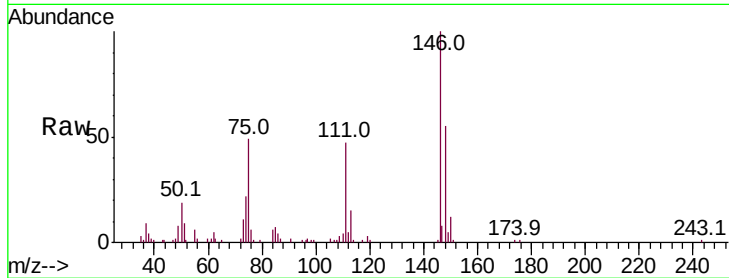
148 70.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 0.552 ppbv

RT: 23.37 min Scan# 6402

Delta R.T. 0.00 min

Lab File: VL038215.D

Acq: 21 Dec 2021 15:15

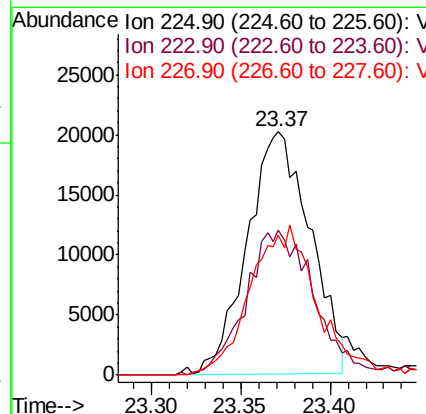
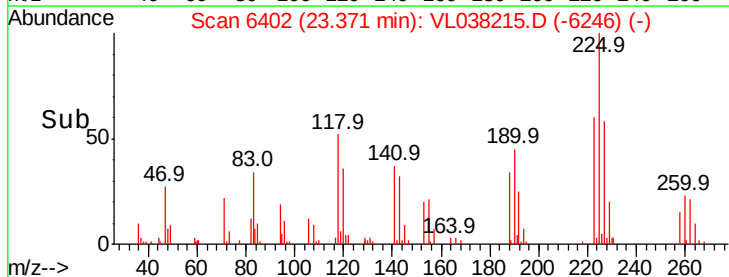
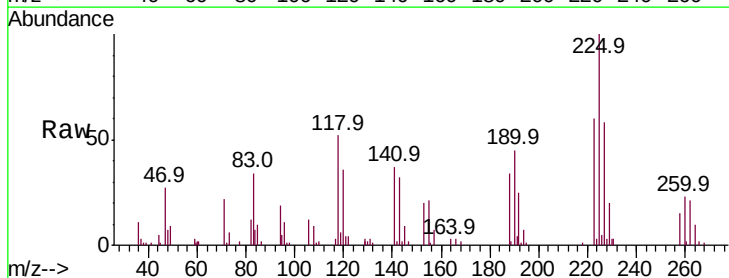
Tgt Ion:225 Resp: 49378

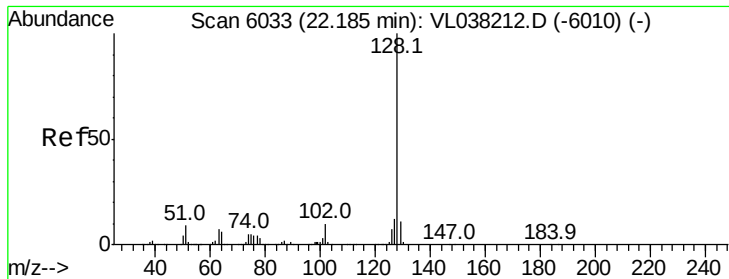
Ion Ratio Lower Upper

225 100

223 66.7 51.5 77.3

227 66.3 51.9 77.9



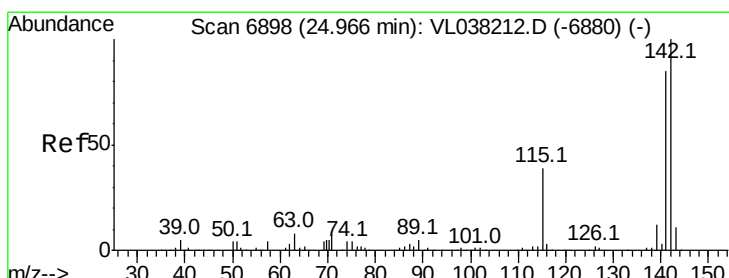
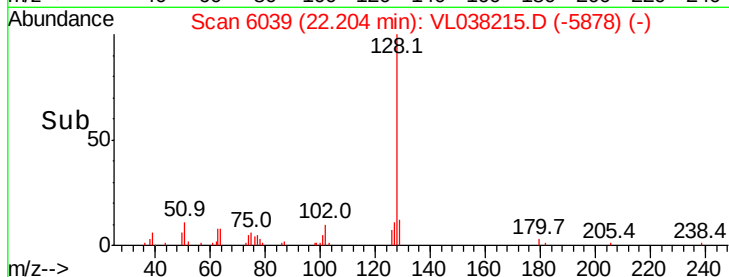
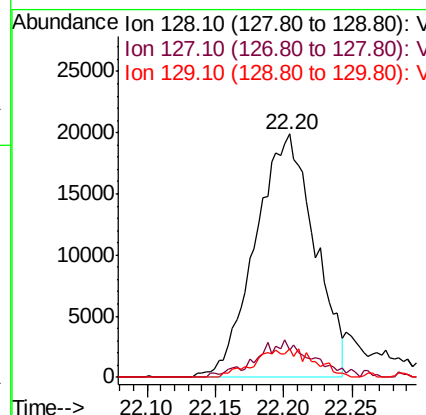
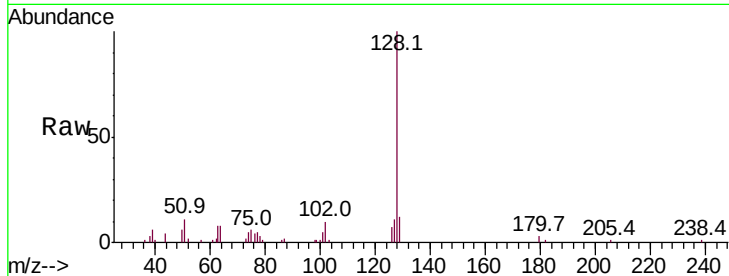


#79
Naphthalene
Concen: 0.416 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 15:15

Tot Ion:1
Ion Rati
128 100
127 11.
129 11.

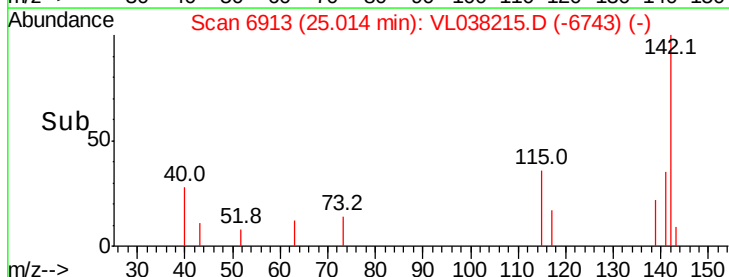
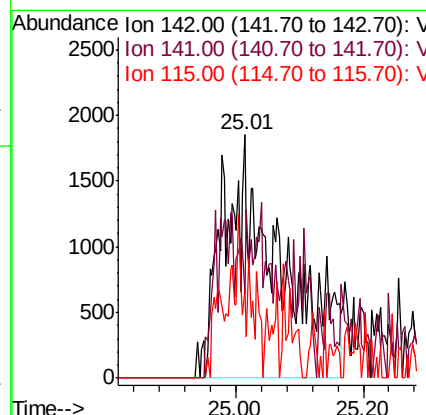
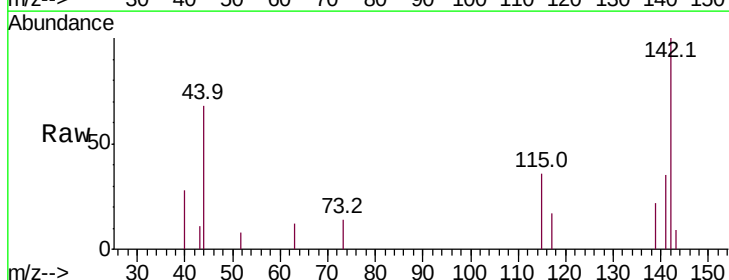
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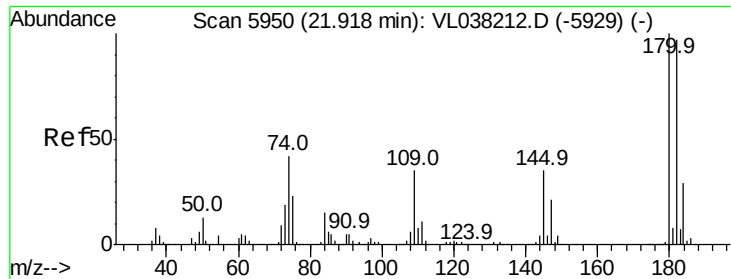
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#80
Naphthalene, 2-methyl-
Concen: 0.375 ppbv m
RT: 25.01 min Scan# 6913
Delta R.T. 0.05 min
Lab File: VL038215.D
Acq: 21 Dec 2021 15:15

Tgt Ion:142 Resp: 11331
Ion Ratio Lower Upper
142 100
141 0.0 66.7 100.1#
115 13.8 29.4 44.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.501 ppbv m
 RT: 21.93
 Instrument : MSVOA_L
 Delta R.T
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 21 Dec 2021 15:15

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

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

