

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041729.D
 Acq On : 11 Dec 2024 19:59
 Operator : SY/MD
 Sample : VL1211ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 05:59:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 12 05:50:25 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.793	49	276985	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	1370687	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1215319	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 810267 10.142 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	607675	12.500	ppbv	99
3) Chlorodifluoromethane	1.479	51	355491	9.428	ppbv	99
4) Chloromethane	1.537	50	172082	13.338	ppbv	97
5) Vinyl Chloride	1.583	62	209563	13.262	ppbv	97
6) Bromomethane	1.673	94	140918	13.598	ppbv	98
7) Chloroethane	1.709	64	87371	12.710	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	552870	13.947	ppbv	96
9) Propene	1.486	41	152107	9.460	ppbv	99
10) Heptane	4.997	43	432681	9.734	ppbv	98
11) Trichlorofluoromethane	1.884	101	674968	12.057	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	588324	11.672	ppbv	97
13) Ethanol	1.725	45	8608	6.473	ppbv	99
14) Bromoethene	1.787	108	241258	13.059	ppbv	98
15) Acetone	1.838	43	296551	9.273	ppbv	97
16) 1,3-Butadiene	1.612	39	133759	12.469	ppbv	95
17) tert-Butyl alcohol	2.039	59	517172	11.155	ppbv	100
18) 1,1-Dichloroethene	2.729	96	370844	9.883	ppbv	99
19) Isopropyl Alcohol	1.887	45	203788	6.709	ppbv	93
20) Methylene Chloride	2.065	84	213067	10.999	ppbv	98
21) Allyl Chloride	2.101	41	212697	11.812	ppbv	97
22) trans-1,2-Dichloroethene	2.039	96	274291	11.977	ppbv	93
23) Vinyl Acetate	2.466	43	173465	8.958	ppbv	99
24) 1,1-Dichloroethane	2.415	63	423476	11.759	ppbv	100
25) Ethyl Acetate	4.997	43	432681	9.734	ppbv #	99
26) Hexane	2.835	57	423888	9.833	ppbv	99
27) Carbon Disulfide	2.156	76	561942	12.661	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	360078	11.129	ppbv	99
29) Chloroform	2.855	83	637273	9.657	ppbv	98
30) Cyclohexane	3.871	84	475663	9.819	ppbv	99
31) cis-1,2-Dichloroethene	2.039	61	359406	11.473	ppbv	93
32) 1,1,1-Trichloroethane	3.379	97	636313	9.805	ppbv	100
34) 2-Butanone	2.560	43	444955	9.271	ppbv	99
35) Carbon Tetrachloride	3.774	117	666667	10.443	ppbv	99
36) Benzene	3.667	78	1041710	9.666	ppbv	99
37) 1,2-Dichloroethane	3.227	62	378534	9.723	ppbv	100
38) Trichloroethene	4.564	130	549621	9.834	ppbv	99
39) 1,2-Dichloropropane	4.327	63	341075	9.932	ppbv	100
40) 1,4-Dioxane	4.593	88	204451	9.867	ppbv #	98
41) Tetrahydrofuran	3.059	42	283998	9.820	ppbv	100
42) Bromodichloromethane	4.502	83	654288	10.410	ppbv	99
43) Methyl Methacrylate	4.894	69	390101	10.049	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	1449083	9.660	ppbv	100
45) t-1,3-Dichloropropene	5.616	75	509777	10.140	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

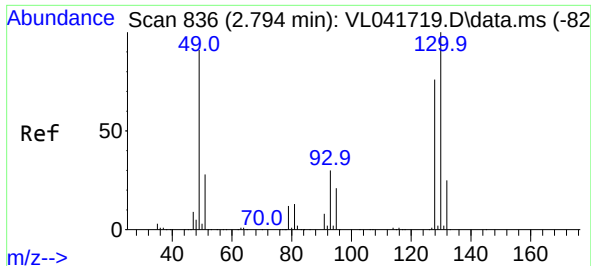
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 12 05:50:25 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	6.431	75	376545	9.933	ppbv	100
47) 1,1,2-Trichloroethane	6.596	97	439625	9.614	ppbv	99
48) Dibromochloromethane	7.402	129	690484	10.480	ppbv	100
49) Bromoform	9.500	173	688600	10.924	ppbv	100
50) 4-Methyl-2-Pentanone	5.768	43	664389	9.651	ppbv	100
51) 2-Hexanone	7.451	43	532899	9.412	ppbv	100
52) Tetrachloroethene	8.241	164	540870	9.472	ppbv	99
53) Toluene	6.949	91	1278695	9.655	ppbv	100
54) 1,2-Dibromoethane	7.668	107	615324	9.844	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	575738	10.189	ppbv	100
57) Chlorobenzene	8.936	112	1073978	9.711	ppbv	99
58) Ethyl Benzene	9.370	91	1594758	9.806	ppbv	99
59) m/p-Xylene	9.568	91	2444922m	19.622	ppbv	
60) o-Xylene	9.979	91	1225178	9.915	ppbv	100
61) Styrene	9.885	104	712217	10.442	ppbv	100
62) Isopropylbenzene	10.555	105	1976292	9.695	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	784338	9.810	ppbv	100
64) n-propylbenzene	11.001	120	600809	10.011	ppbv	100
65) tert-Butylbenzene	11.545	119	1864233	9.648	ppbv	100
66) Benzyl Chloride	10.914	91	1358521	9.804	ppbv	100
67) sec-Butylbenzene	11.781	105	2386481	9.541	ppbv	100
69) p-Isopropyltoluene	11.940	119	2122932	9.840	ppbv	100
70) n-Butylbenzene	12.296	91	1792214	10.011	ppbv	100
71) 2-Chlorotoluene	10.914	91	1358521	9.804	ppbv	99
72) 4-Ethyltoluene	11.137	105	1599009	10.022	ppbv	100
73) 1,3,5-Trimethylbenzene	11.218	105	1309526	10.145	ppbv	97
74) 1,2,4-Trimethylbenzene	11.552	105	1429765	10.189	ppbv	99
75) 1,3-Dichlorobenzene	11.620	146	1096845	9.781	ppbv	100
76) 1,4-Dichlorobenzene	11.684	146	1097087	9.905	ppbv	99
77) 1,2-Dichlorobenzene	11.959	146	1031886	9.718	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	784160	8.984	ppbv	100
79) Naphthalene	13.526	128	1313782	10.938	ppbv	100
80) Naphthalene,2-methyl-	14.474	142	745365	17.152	ppbv	100
81) 1,2,4-Trichlorobenzene	13.455	180	786475	10.400	ppbv	100

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



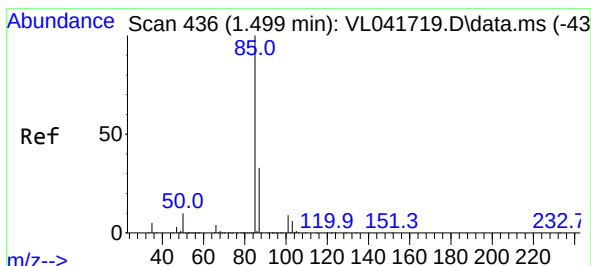
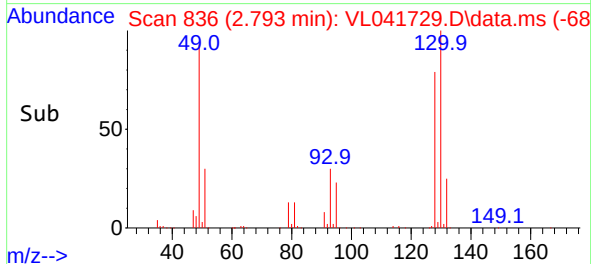
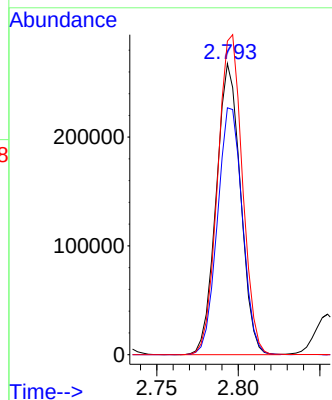
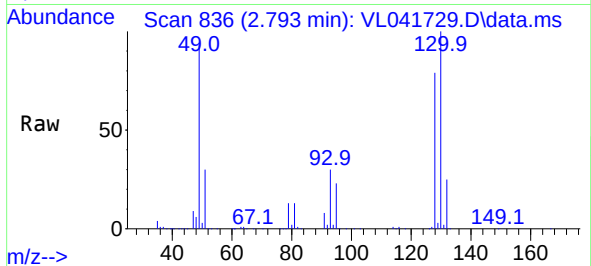
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.001 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 49 Resp: 276985
Ion Ratio Lower Upper
49 100
128 87.1 42.8 128.3
130 112.3 55.8 167.4

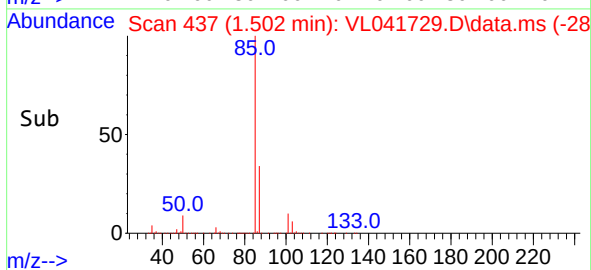
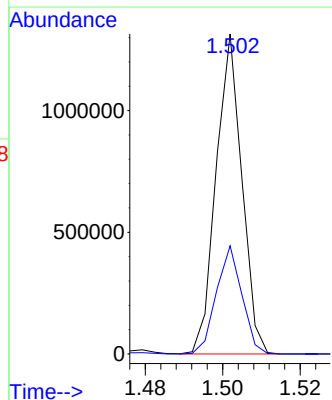
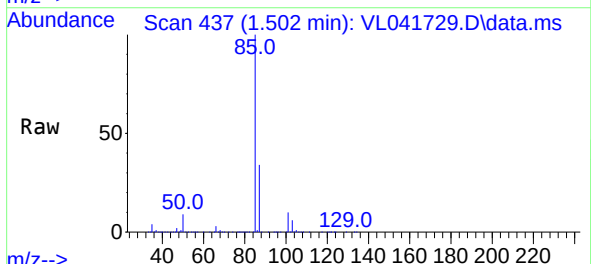
Manual Integrations
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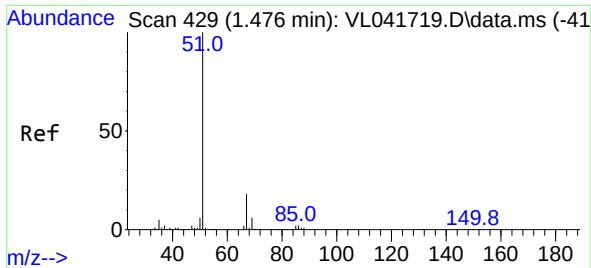
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 12.500 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion: 85 Resp: 607675
Ion Ratio Lower Upper
85 100
87 33.8 26.6 39.8





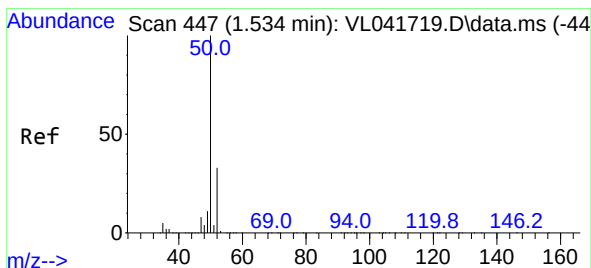
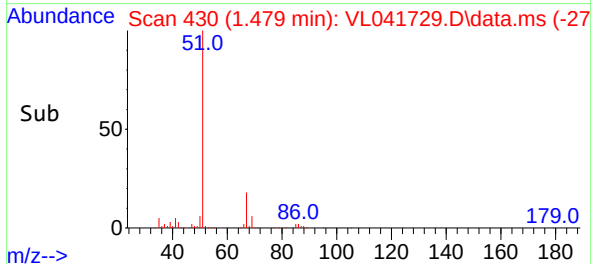
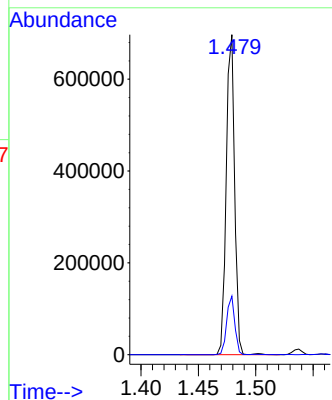
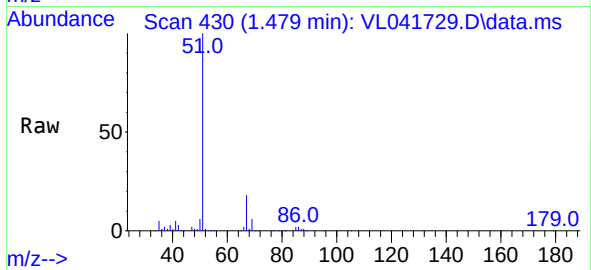
#3
Chlorodifluoromethane
Concen: 9.428 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 51 Resp: 35549
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8

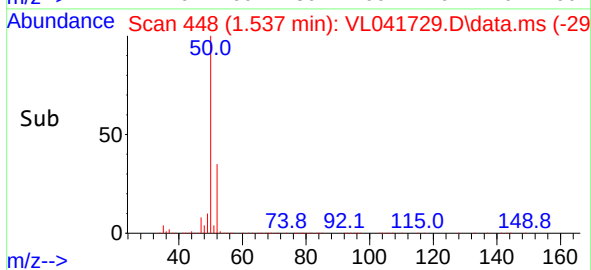
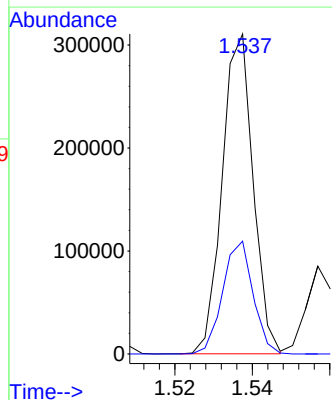
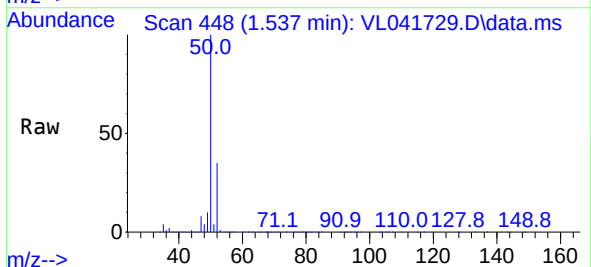
Manual Integrations
APPROVED

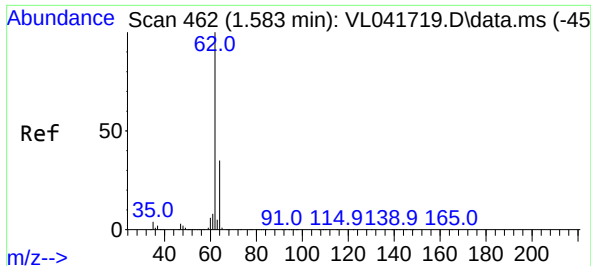
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#4
Chloromethane
Concen: 13.338 ppbv
RT: 1.537 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

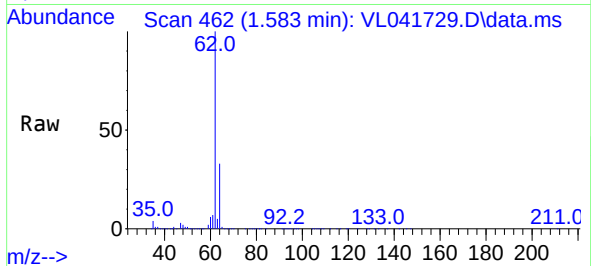
Tgt Ion: 50 Resp: 172082
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0





#5
 Vinyl Chloride
 Concen: 13.262 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59

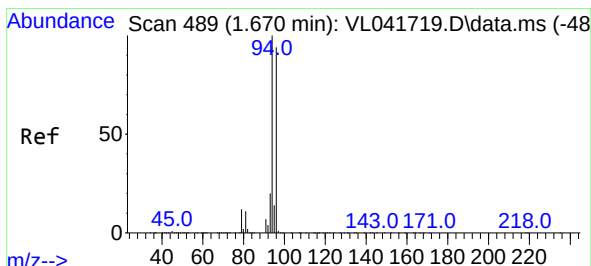
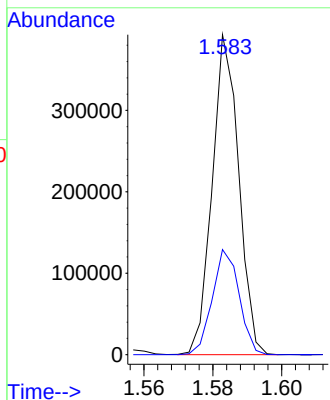
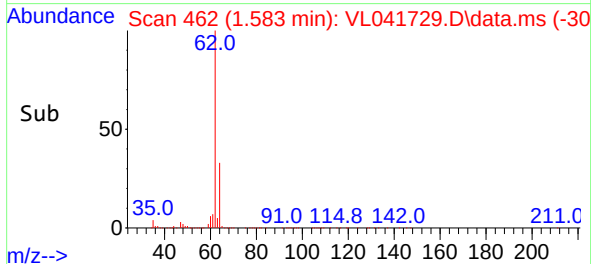
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABS01



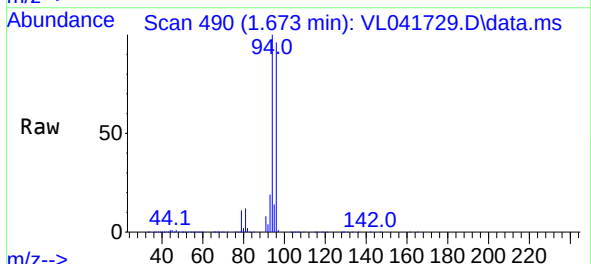
Tgt Ion: 62 Resp: 20956
 Ion Ratio Lower Upper
 62 100
 64 32.8 27.6 41.4

Manual Integrations
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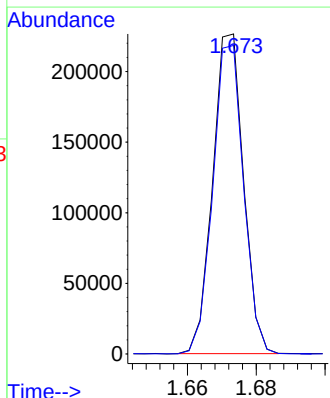
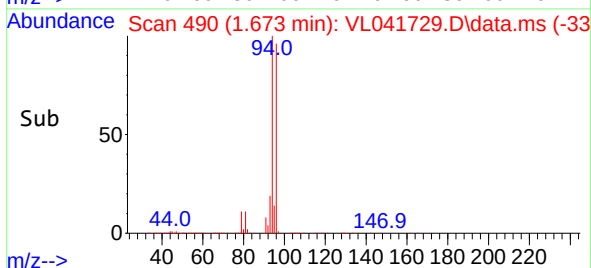
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

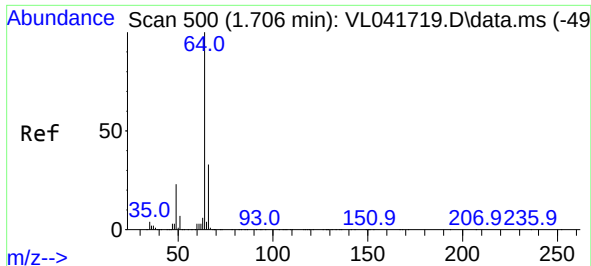


#6
 Bromomethane
 Concen: 13.598 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59



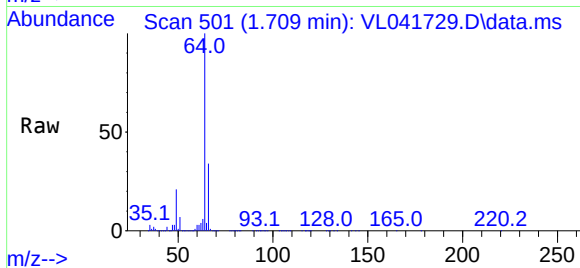
Tgt Ion: 94 Resp: 140918
 Ion Ratio Lower Upper
 94 100
 96 96.4 75.4 113.0





#7
Chloroethane
Concen: 12.710 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

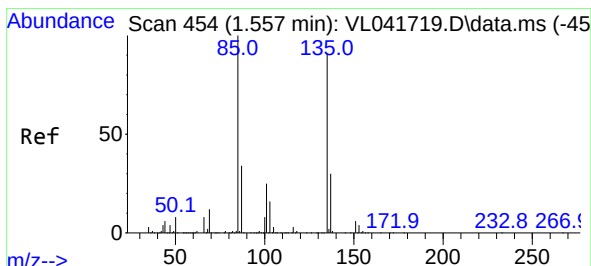
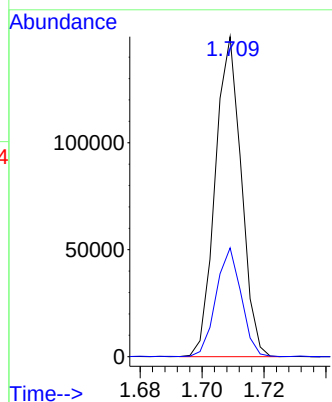
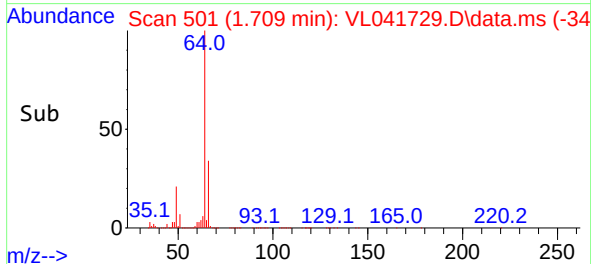
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



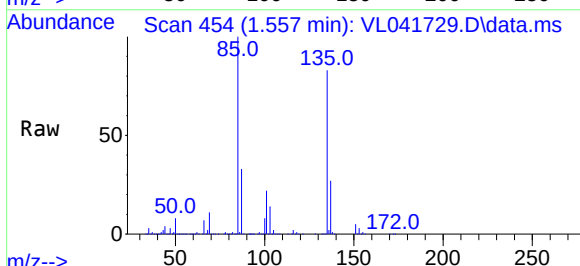
Tgt Ion: 64 Resp: 8737
Ion Ratio Lower Upper
64 100
66 34.0 26.5 39.7

Manual Integrations
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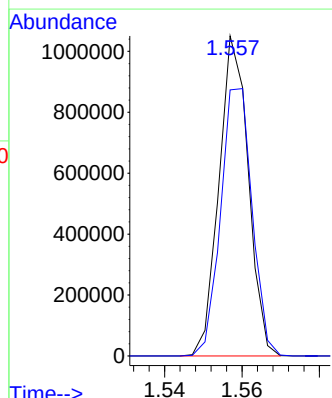
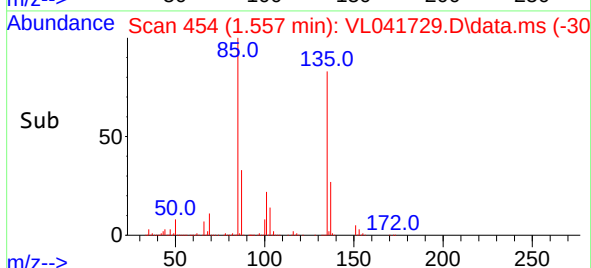
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

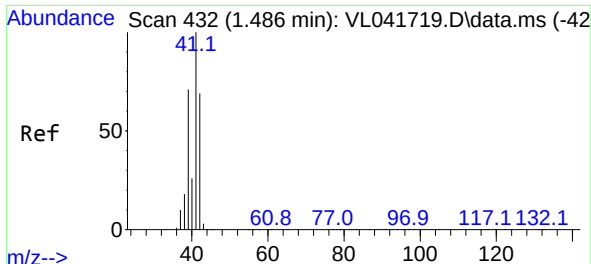


#8
Dichlorotetrafluoroethane
Concen: 13.947 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



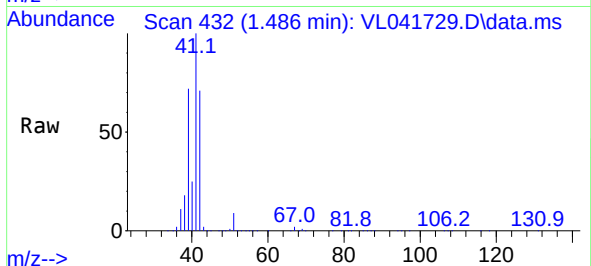
Tgt Ion: 85 Resp: 552870
Ion Ratio Lower Upper
85 100
135 89.8 69.0 103.6





#9
Propene
Concen: 9.460 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

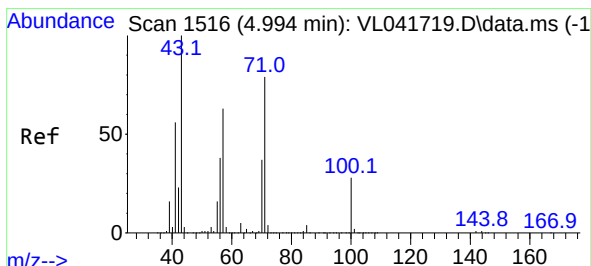
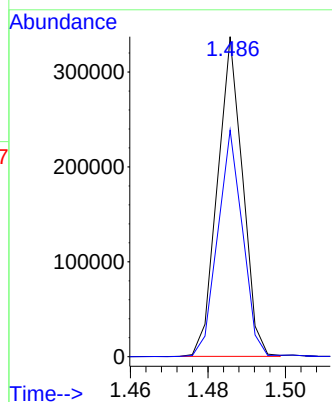
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ClientSampleId :
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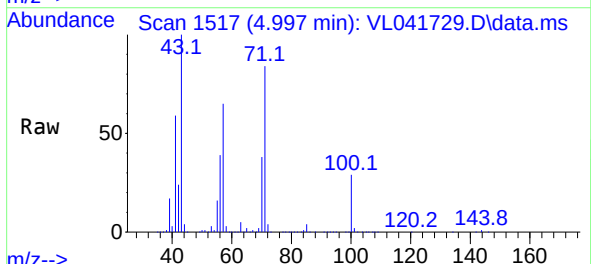
Tgt Ion: 41 Resp: 15210
Ion Ratio Lower Upper
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42 70.8 56.2 84.4

Manual Integrations
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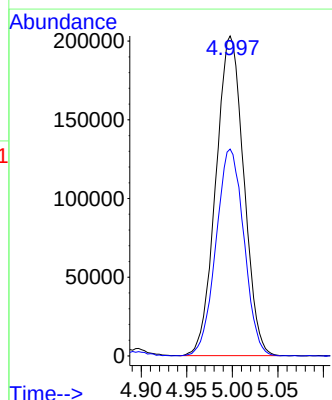
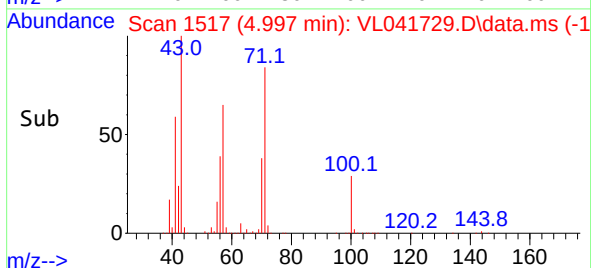
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

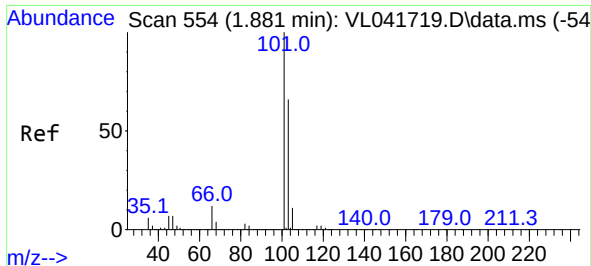


#10
Heptane
Concen: 9.734 ppbv
RT: 4.997 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



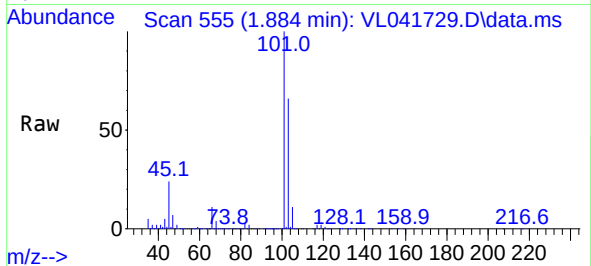
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Ion Ratio Lower Upper
43 100
57 64.9 50.5 75.7





#11
Trichlorofluoromethane
Concen: 12.057 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

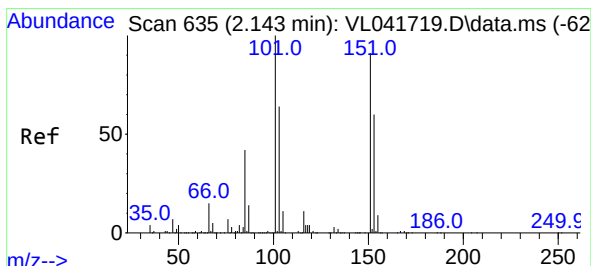
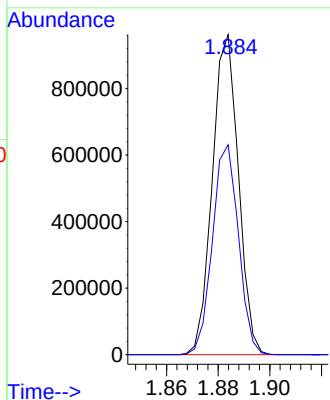
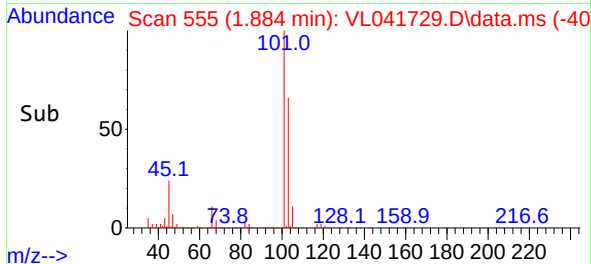
Instrument :
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ClientSampleId :
VL1211ABS01



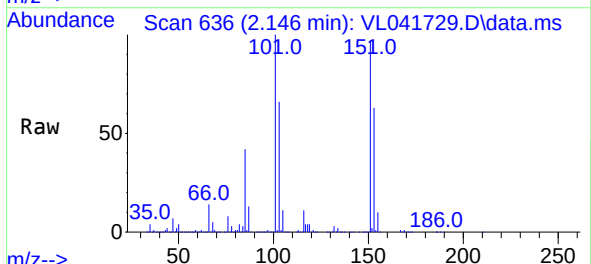
Tgt Ion:101 Resp: 674968
Ion Ratio Lower Upper
101 100
103 65.6 52.7 79.1

Manual Integrations
APPROVED

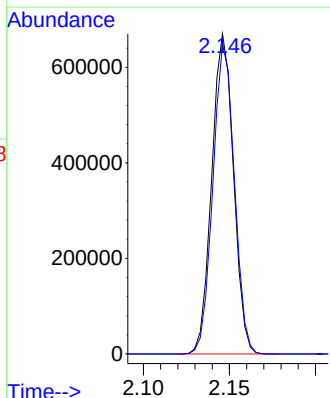
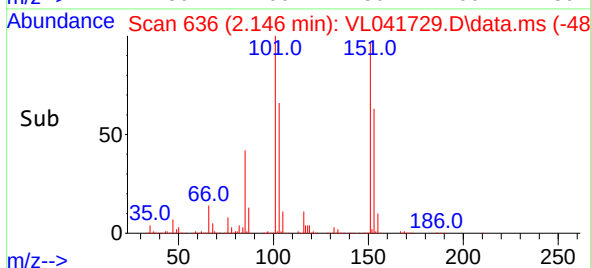
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

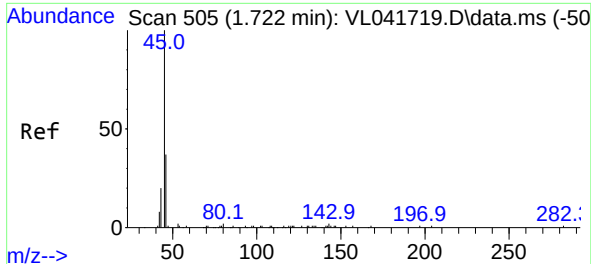


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.672 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



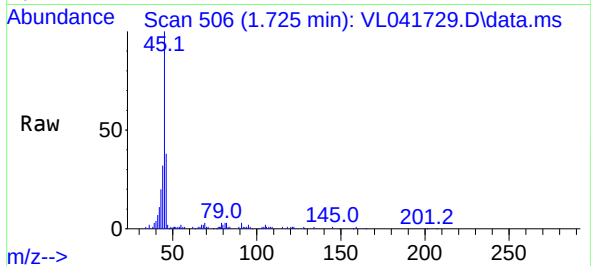
Tgt Ion:101 Resp: 588324
Ion Ratio Lower Upper
101 100
151 95.7 74.4 111.6





#13
Ethanol
Concen: 6.473 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

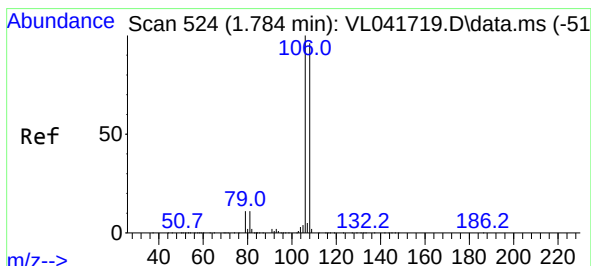
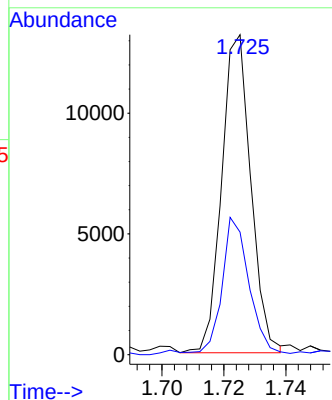
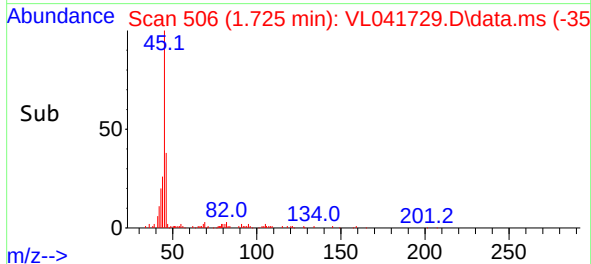
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



Tgt Ion: 45 Resp: 8608
Ion Ratio Lower Upper
45 100
46 42.5 16.6 66.6

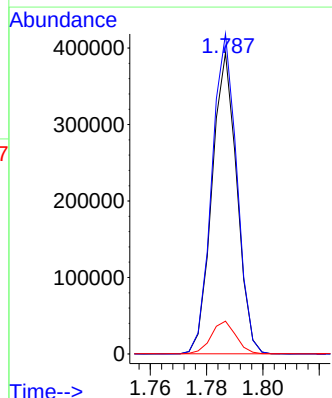
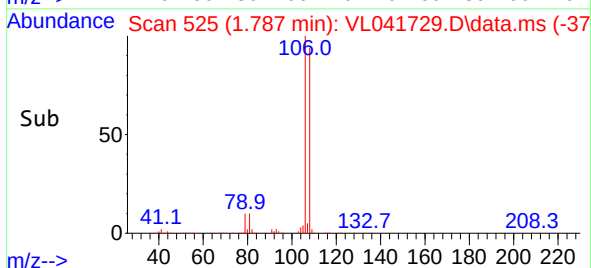
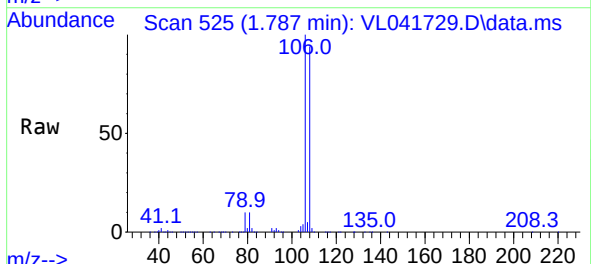
Manual Integrations
APPROVED

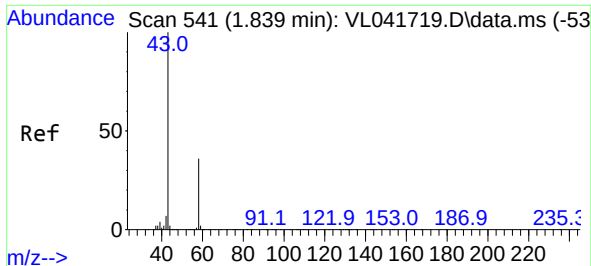
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#14
Bromoethene
Concen: 13.059 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

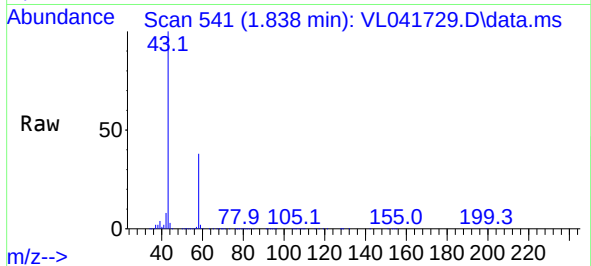
Tgt Ion:108 Resp: 241258
Ion Ratio Lower Upper
108 100
106 106.6 83.5 125.3
79 11.0 9.3 13.9





#15
Acetone
Concen: 9.273 ppbv
RT: 1.838 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

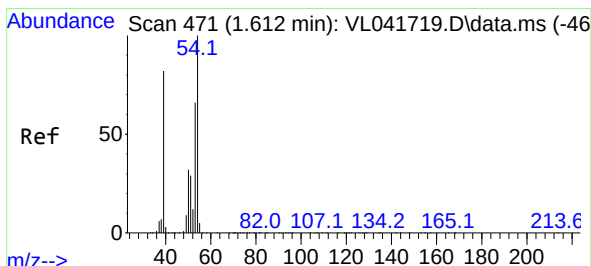
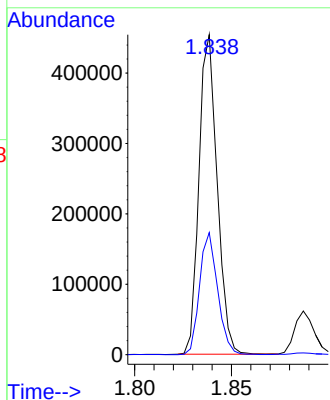
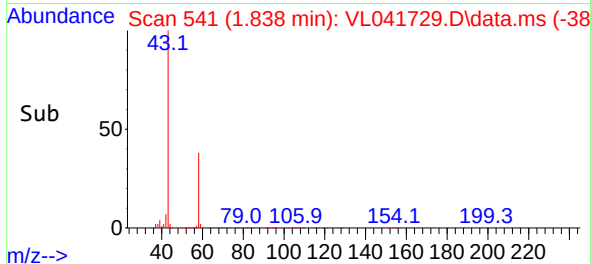
Instrument : MSVOA_L
ClientSampleId : VL1211ABS01



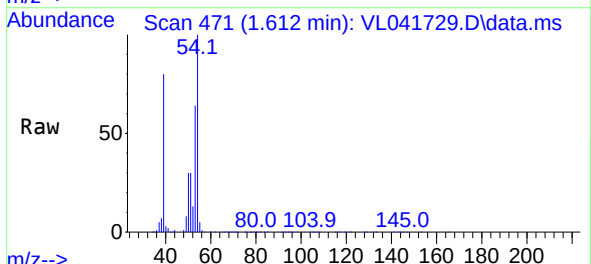
Tgt Ion: 43 Resp: 29655
Ion Ratio Lower Upper
43 100
58 38.1 28.9 43.3

Manual Integrations
APPROVED

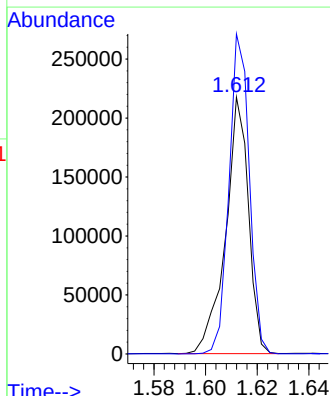
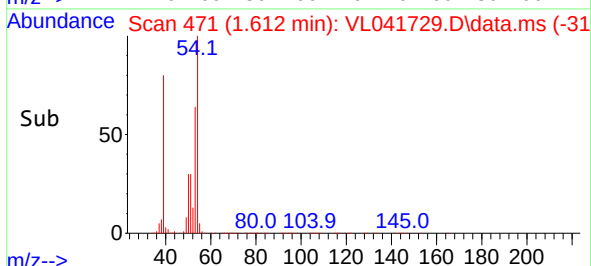
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

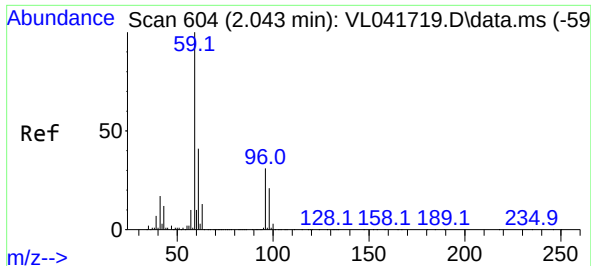


#16
1,3-Butadiene
Concen: 12.469 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 39 Resp: 133759
Ion Ratio Lower Upper
39 100
54 111.6 85.0 127.6





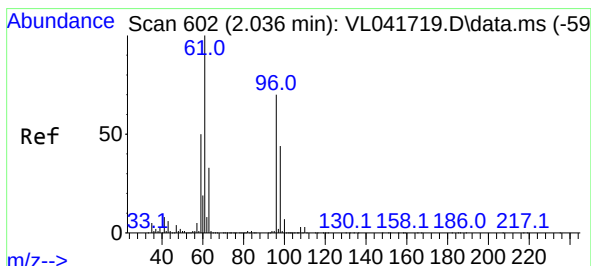
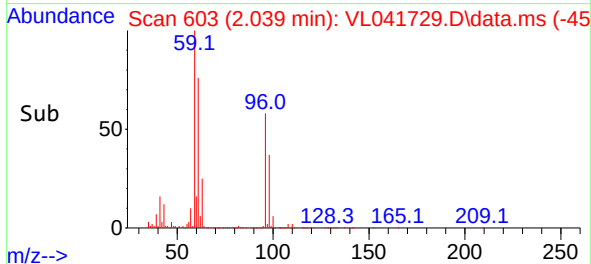
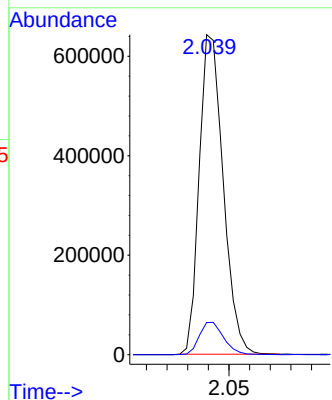
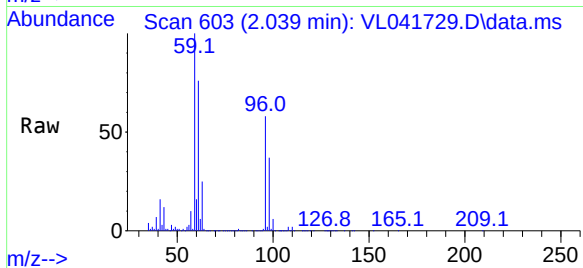
#17
tert-Butyl alcohol
Concen: 11.155 ppbv
RT: 2.039 min Scan# 604
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 59 Resp: 517172
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

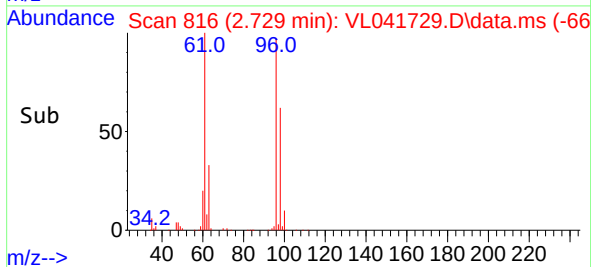
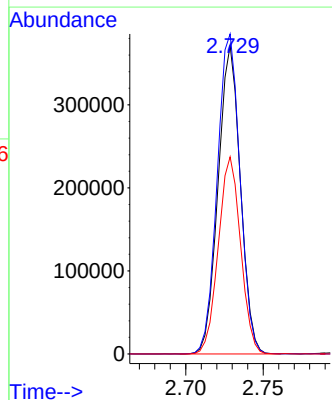
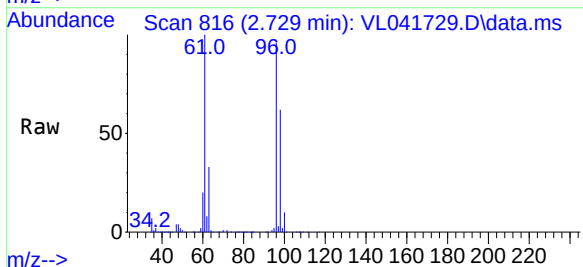
Manual Integrations
APPROVED

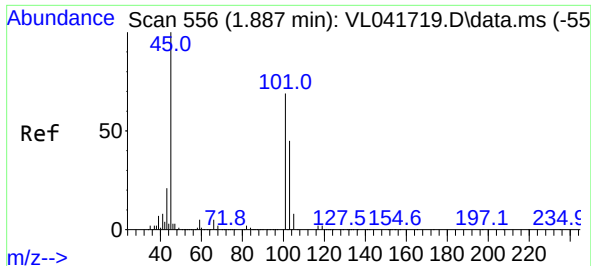
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#18
1,1-Dichloroethene
Concen: 9.883 ppbv
RT: 2.729 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

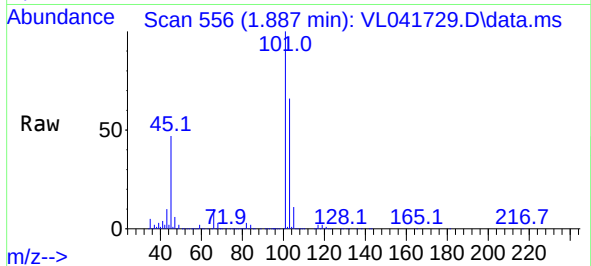
Tgt Ion: 96 Resp: 370844
Ion Ratio Lower Upper
96 100
61 103.7 84.8 127.2
98 63.9 51.2 76.8





#19
Isopropyl Alcohol
Concen: 6.709 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

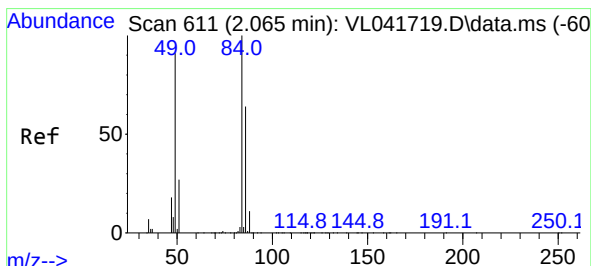
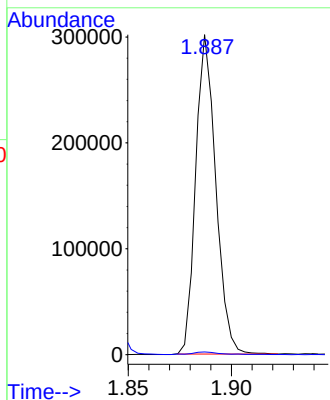
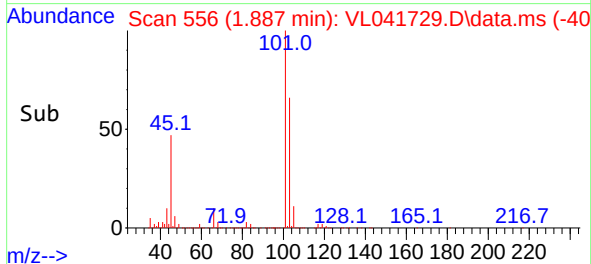
Instrument : MSVOA_1
ClientSampleId : VL1211ABS01



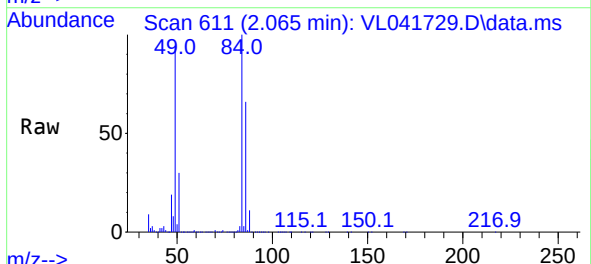
Tgt Ion: 45 Resp: 203788
Ion Ratio Lower Upper
45 100
58 55.5 40.6 61.0

Manual Integrations
APPROVED

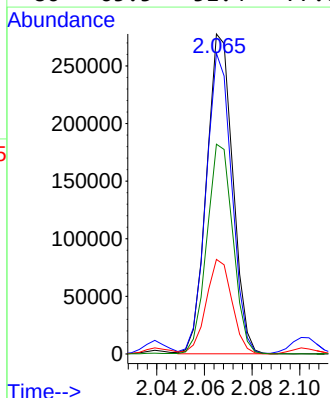
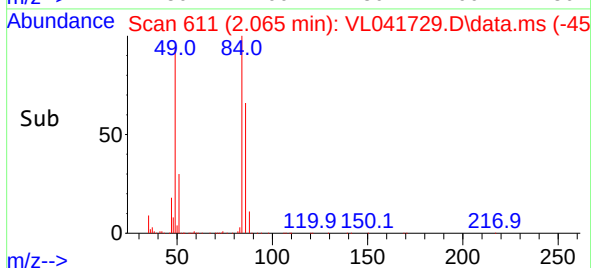
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

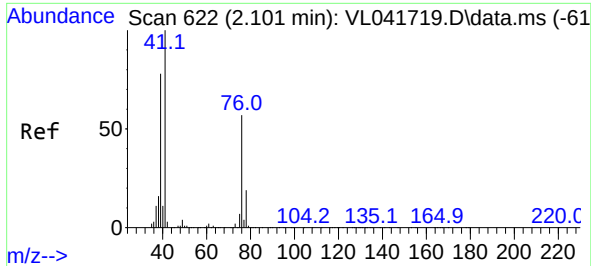


#20
Methylene Chloride
Concen: 10.999 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



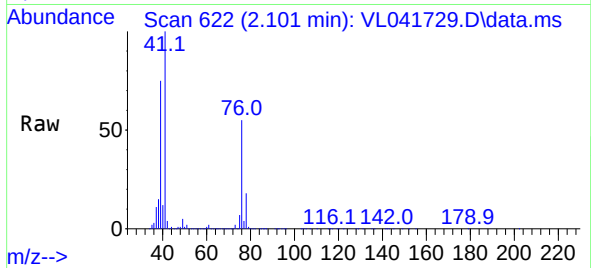
Tgt Ion: 84 Resp: 213067
Ion Ratio Lower Upper
84 100
49 93.3 73.6 110.4
51 29.4 22.7 34.1
86 65.5 51.4 77.0





#21
 Allyl Chloride
 Concen: 11.812 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59

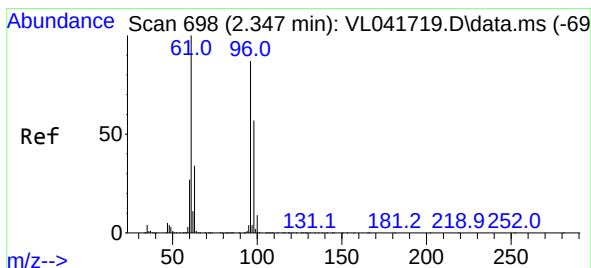
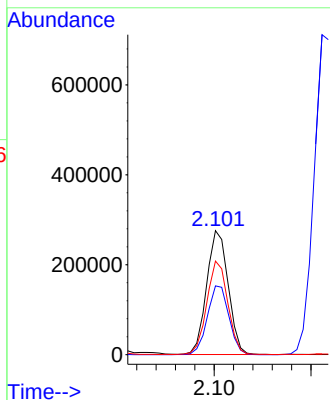
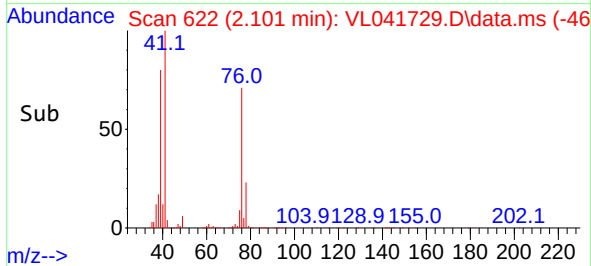
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABS01



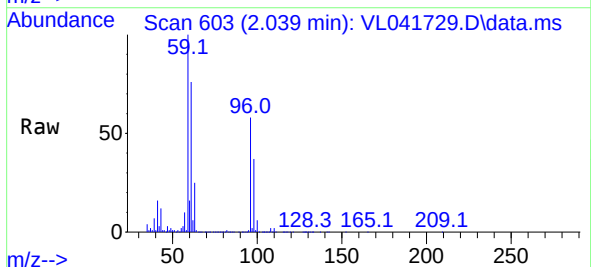
Tgt Ion: 41 Resp: 21269
 Ion Ratio Lower Upper
 41 100
 76 55.6 44.2 66.2
 39 73.7 62.8 94.2

Manual Integrations
 APPROVED

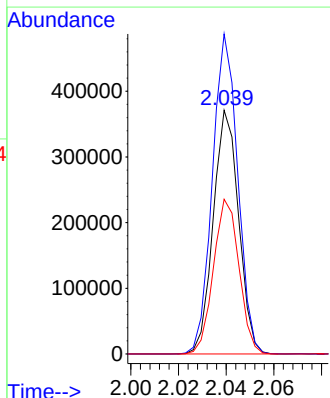
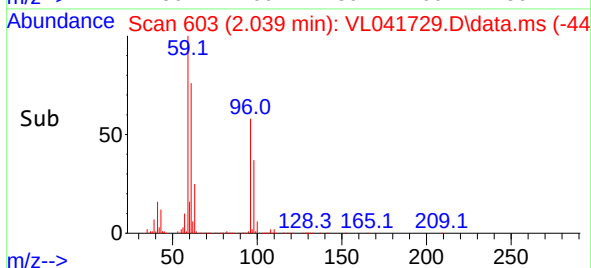
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

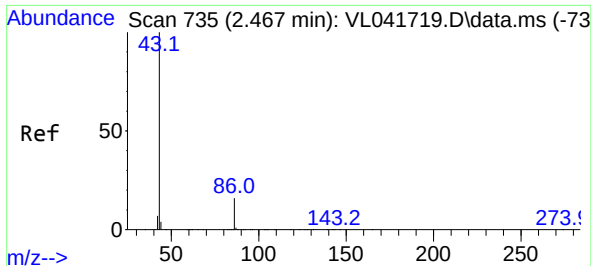


#22
 trans-1,2-Dichloroethene
 Concen: 11.977 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59



Tgt Ion: 96 Resp: 274291
 Ion Ratio Lower Upper
 96 100
 61 131.3 114.4 171.6
 98 63.5 50.6 75.8





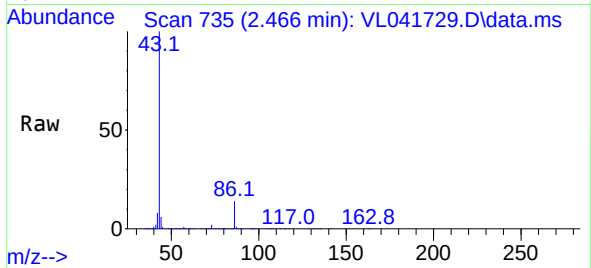
#23
 Vinyl Acetate
 Concen: 8.958 ppbv
 RT: 2.466 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS01

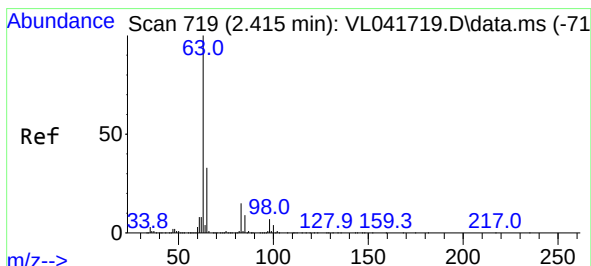
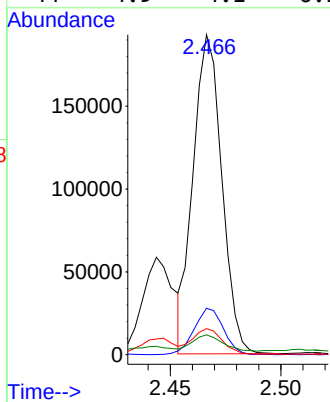
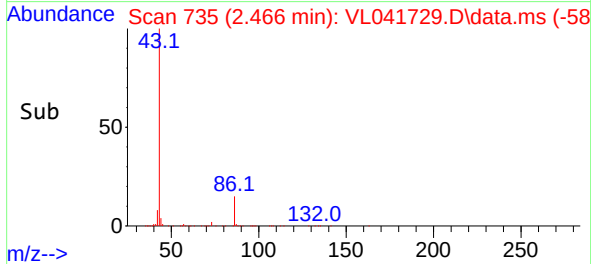


Tgt Ion: 43 Resp: 17346
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.5 17.3
 42 8.0 6.6 10.0
 44 4.9 4.1 6.1

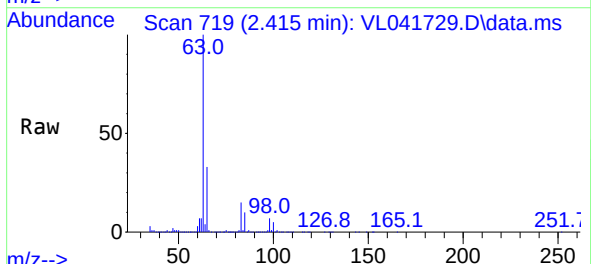
Manual Integrations

APPROVED

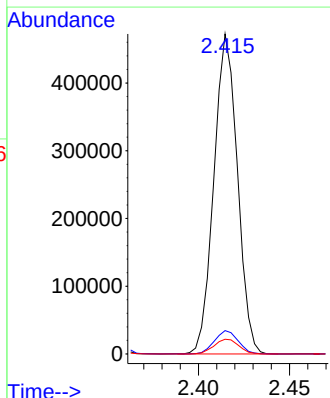
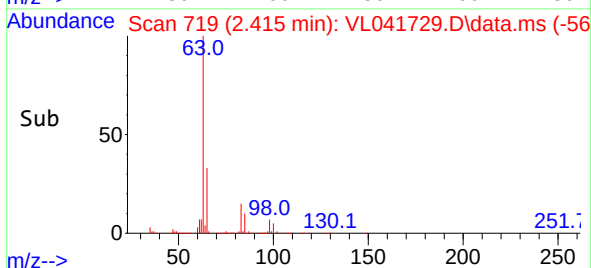
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

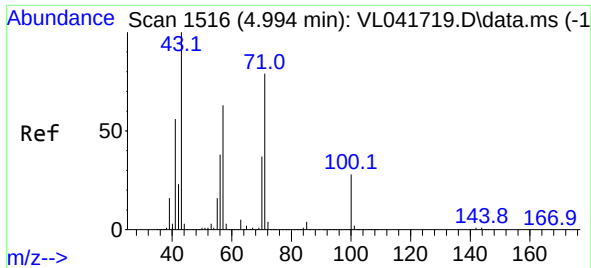


#24
 1,1-Dichloroethane
 Concen: 11.759 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59



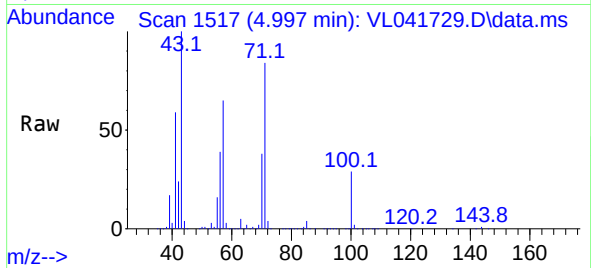
Tgt Ion: 63 Resp: 423476
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.6 2.3 6.8





#25
Ethyl Acetate
Concen: 9.734 ppbv
RT: 4.997 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

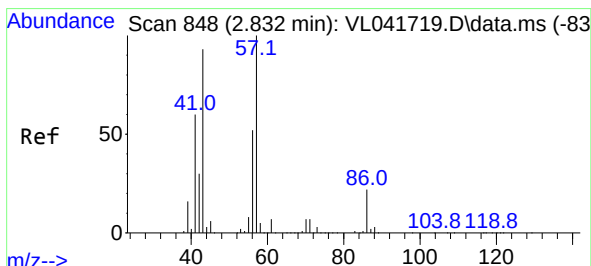
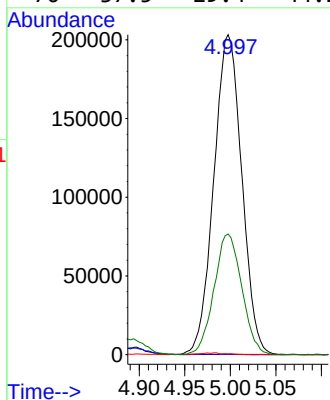
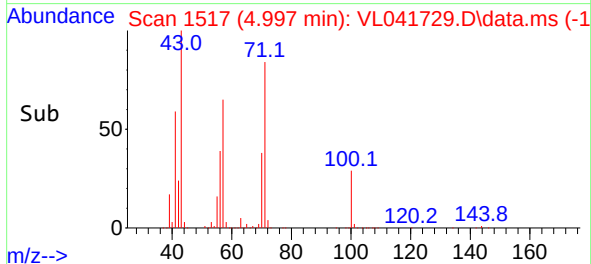
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



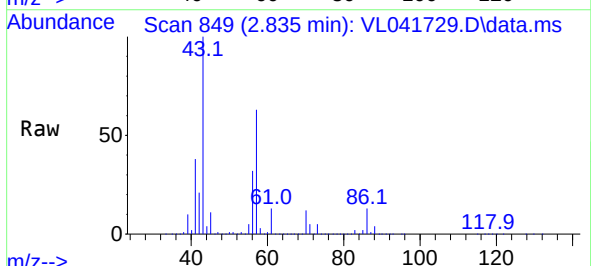
Tgt Ion: 43 Resp: 43268
Ion Ratio Lower Upper
43 100
45 0.0 0.0 0.0
61 0.5 0.4 0.6
70 37.5 29.4 44.2

Manual Integrations
APPROVED

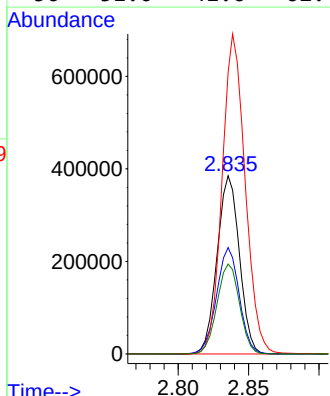
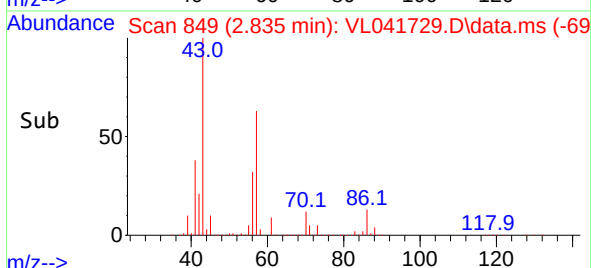
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

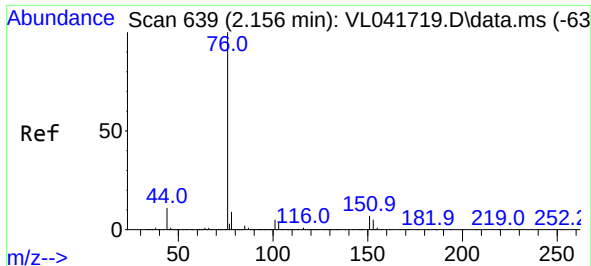


#26
Hexane
Concen: 9.833 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



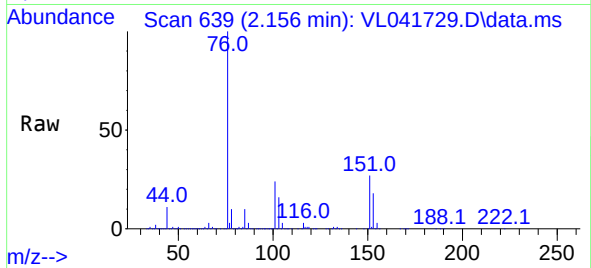
Tgt Ion: 57 Resp: 423888
Ion Ratio Lower Upper
57 100
41 61.2 49.5 74.3
43 185.8 150.6 225.8
56 51.0 41.6 62.4





#27
Carbon Disulfide
Concen: 12.661 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

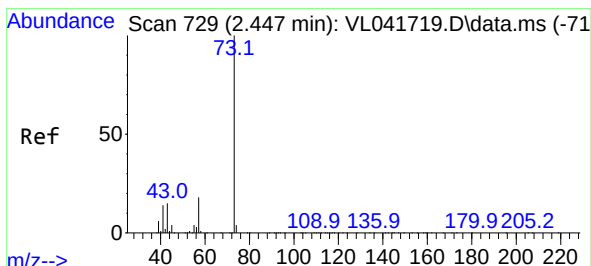
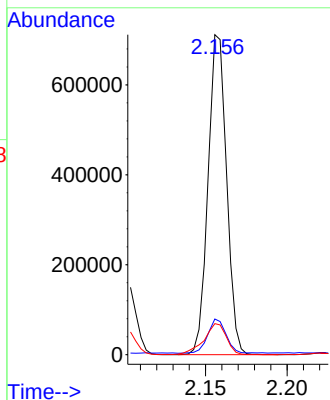
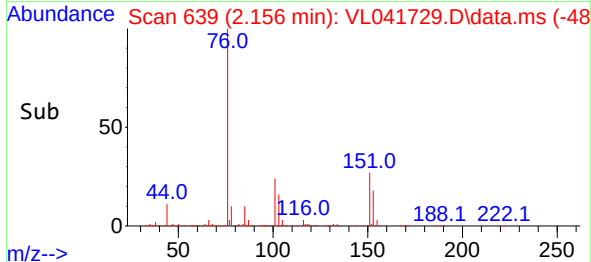
Instrument :
MSVOA_1
ClientSampleId :
VL1211ABS01



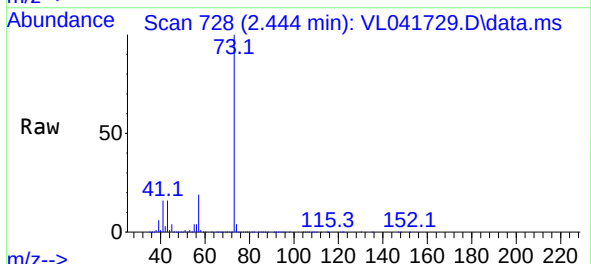
Tgt Ion: 76 Resp: 561942
Ion Ratio Lower Upper
76 100
44 10.6 9.4 14.0
78 11.7 9.4 14.0

Manual Integrations
APPROVED

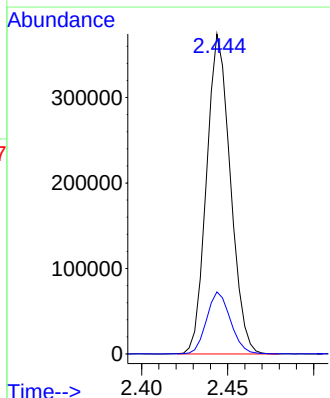
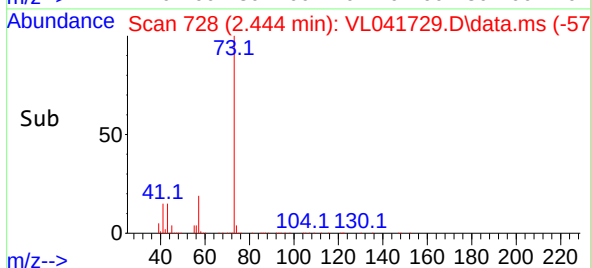
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

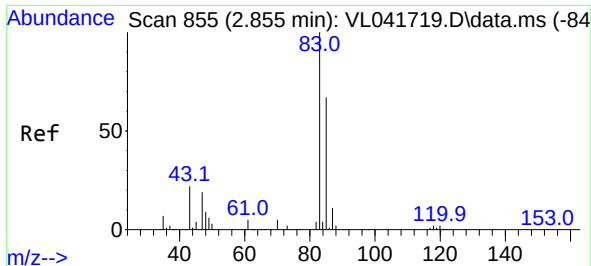


#28
Methyl tert-Butyl Ether
Concen: 11.129 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 73 Resp: 360078
Ion Ratio Lower Upper
73 100
57 19.4 15.3 22.9





#29

Chloroform

Concen: 9.657 ppbv

RT: 2.855 min Scan# 855

Delta R.T. -0.000 min

Lab File: VL041729.D

Acq: 11 Dec 2024 19:59

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS01

Tgt Ion: 83 Resp: 63727

Ion Ratio Lower Upper

83 100

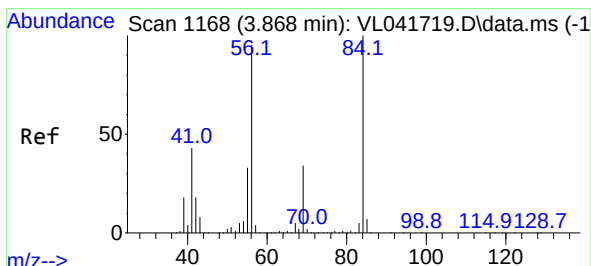
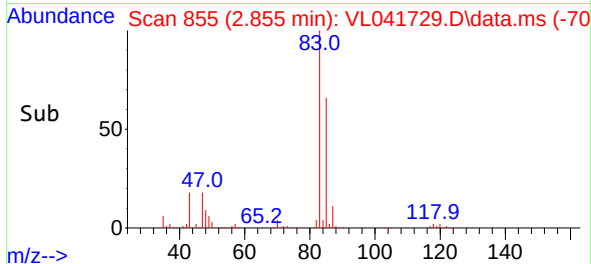
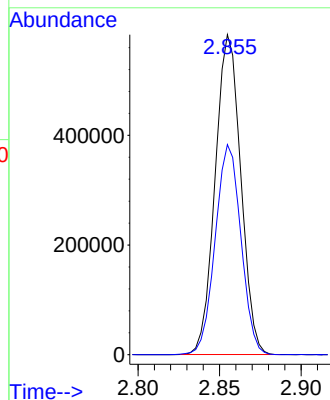
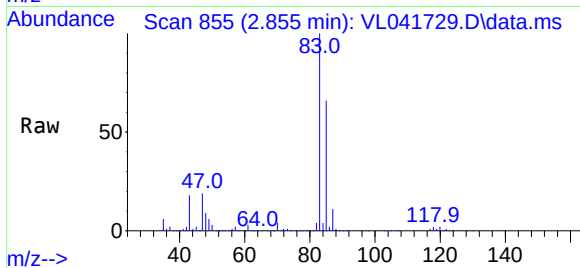
85 65.7 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 9.819 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041729.D

Acq: 11 Dec 2024 19:59

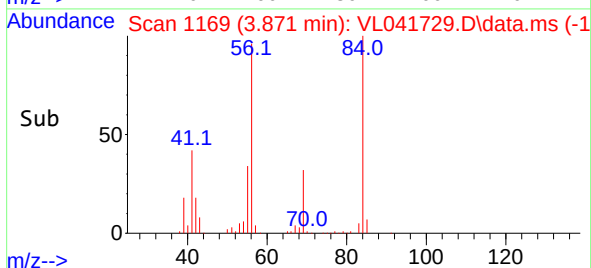
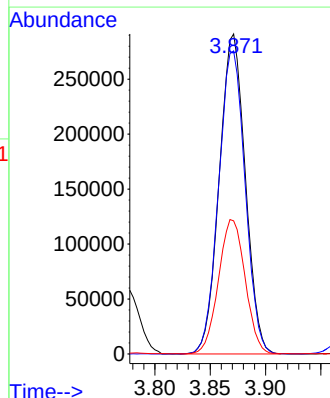
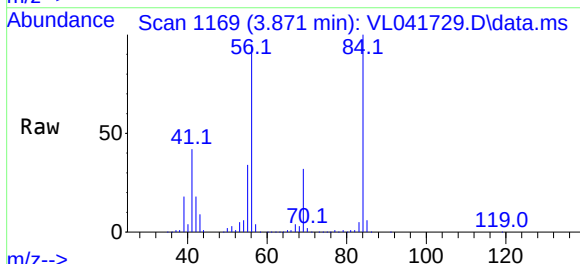
Tgt Ion: 84 Resp: 475663

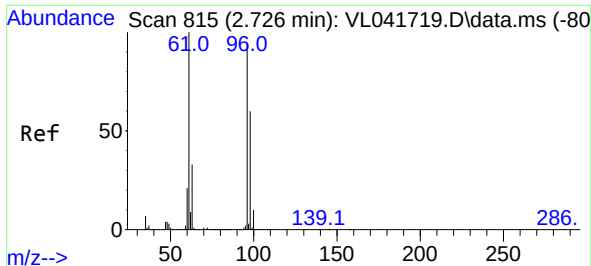
Ion Ratio Lower Upper

84 100

56 96.6 76.0 114.0

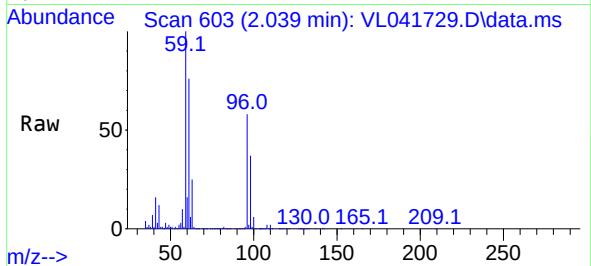
41 43.1 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 11.473 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

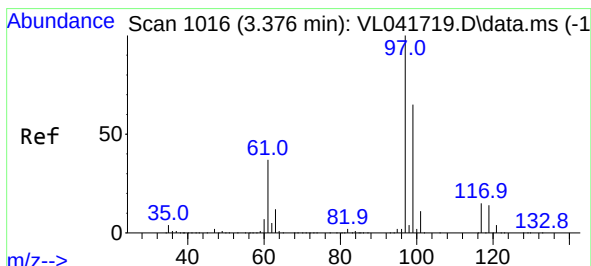
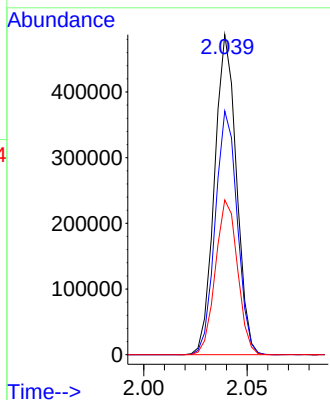
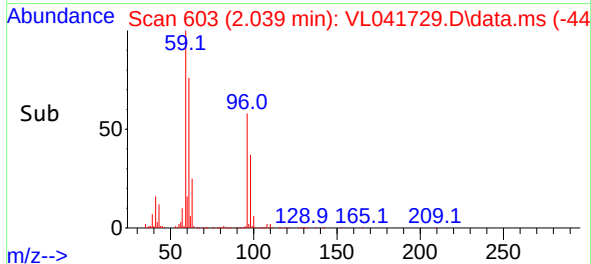
Instrument :
MSVOA_1
ClientSampleId :
VL1211ABS01



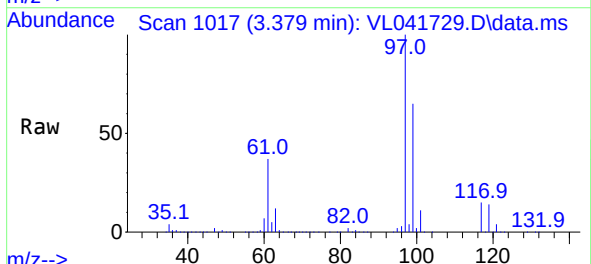
Tgt Ion: 61 Resp: 359400
Ion Ratio Lower Upper
61 100
96 76.2 55.9 83.9
98 48.3 35.4 53.0

Manual Integrations
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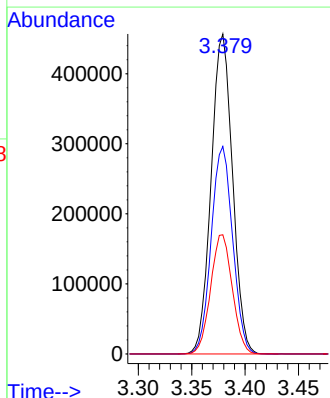
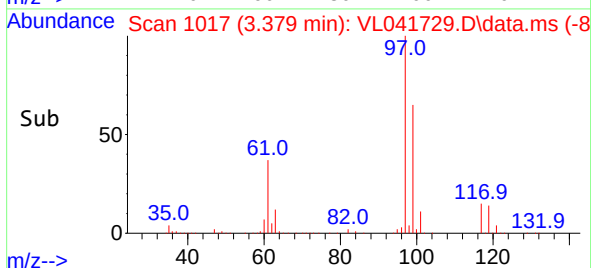
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

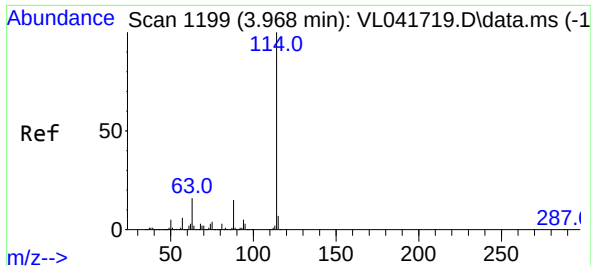


#32
1,1,1-Trichloroethane
Concen: 9.805 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 97 Resp: 636313
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.2
61 37.8 29.8 44.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VL041729.D

Acq: 11 Dec 2024 19:59

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS01

Tgt Ion:114 Resp: 137068

Ion Ratio Lower Upper

114 100

63 16.1 12.9 19.3

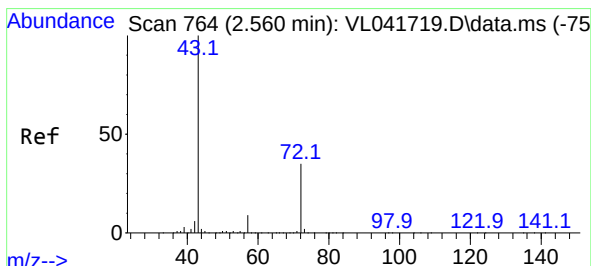
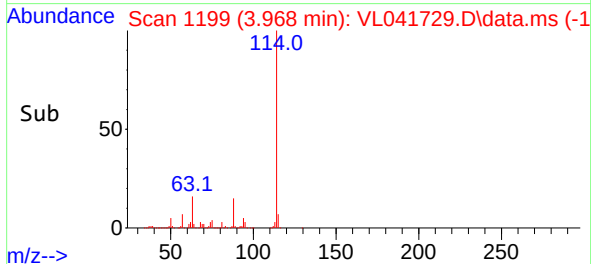
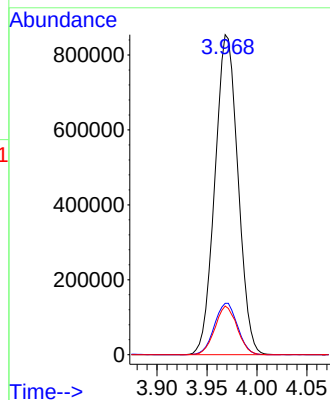
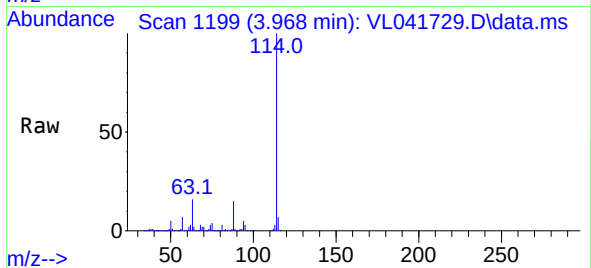
88 14.7 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#34

2-Butanone

Concen: 9.271 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.000 min

Lab File: VL041729.D

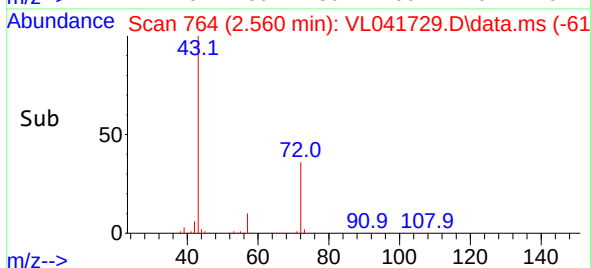
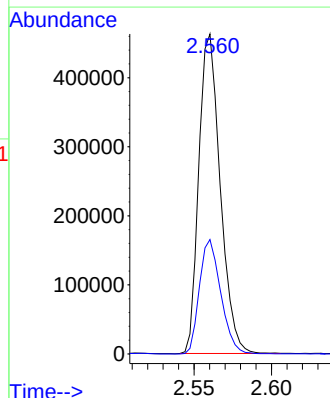
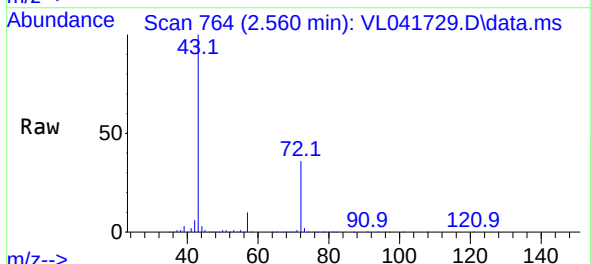
Acq: 11 Dec 2024 19:59

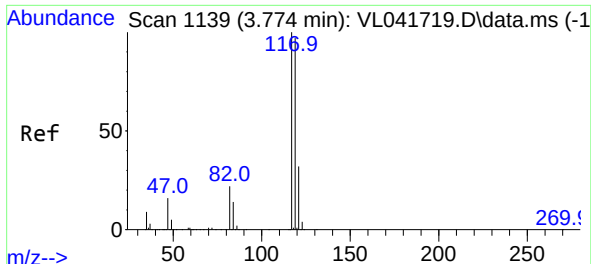
Tgt Ion: 43 Resp: 444955

Ion Ratio Lower Upper

43 100

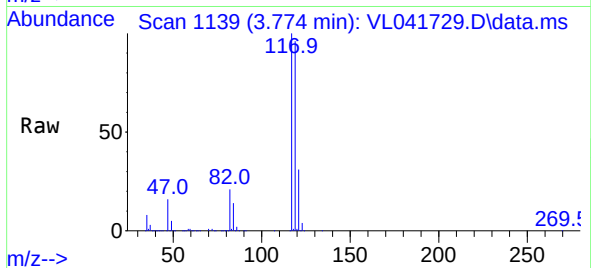
72 35.8 28.3 42.5





#35
Carbon Tetrachloride
Concen: 10.443 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

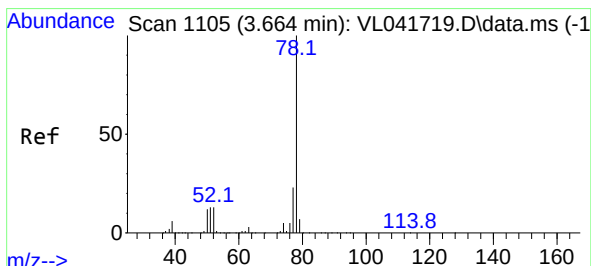
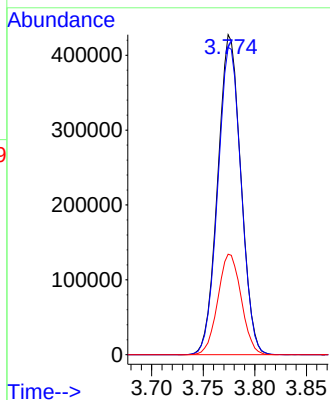
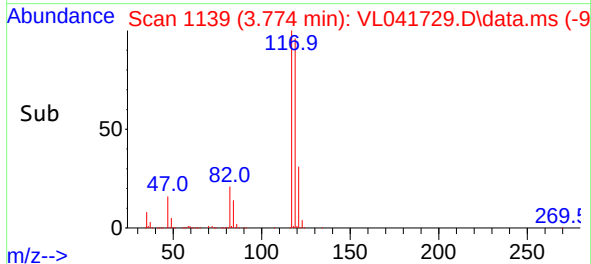
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



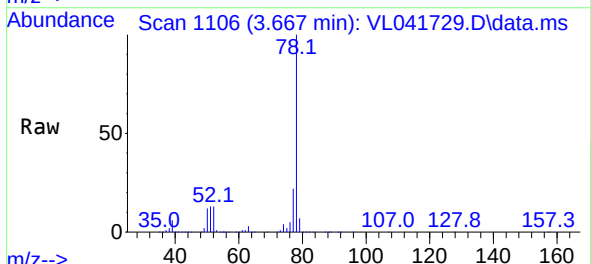
Tgt Ion:117 Resp: 666666
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5
121 31.4 25.5 38.3

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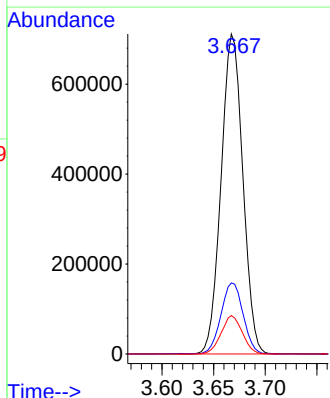
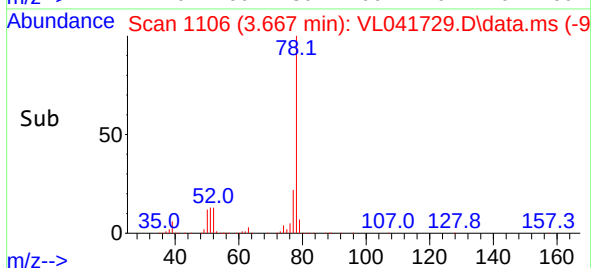
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

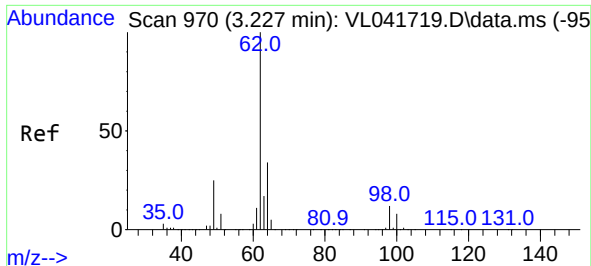


#36
Benzene
Concen: 9.666 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 78 Resp: 1041710
Ion Ratio Lower Upper
78 100
77 22.2 18.6 27.8
50 12.0 9.5 14.3





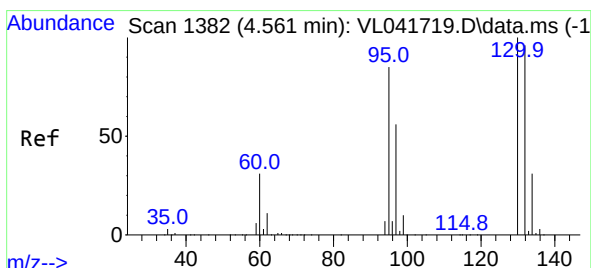
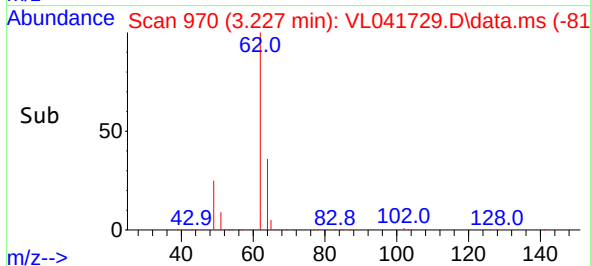
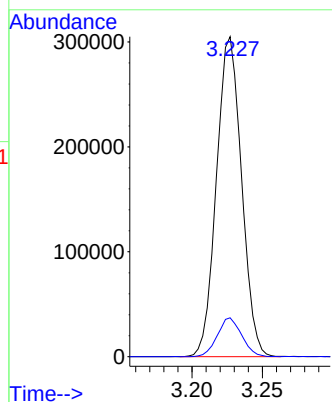
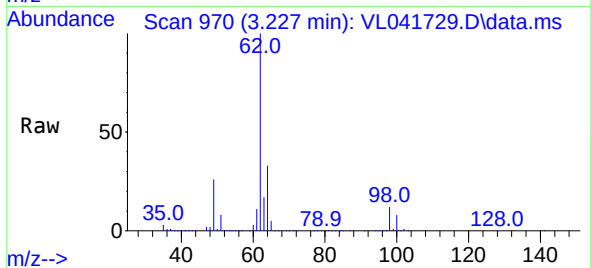
#37
1,2-Dichloroethane
Concen: 9.723 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 62 Resp: 378534
Ion Ratio Lower Upper
62 100
98 11.8 9.4 14.2

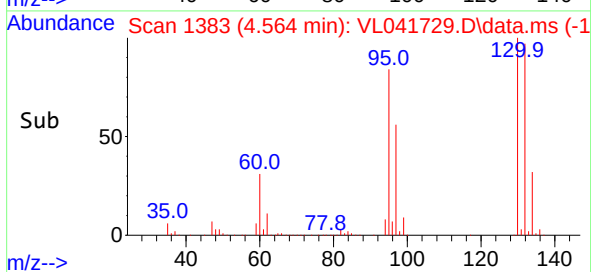
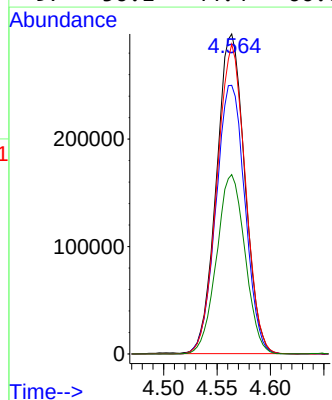
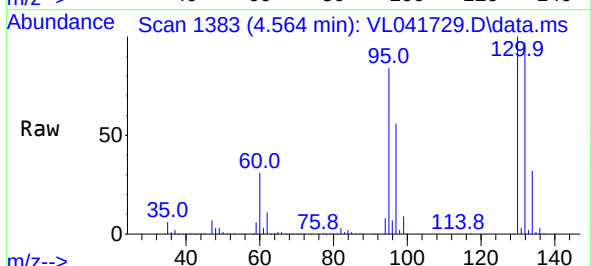
Manual Integrations
APPROVED

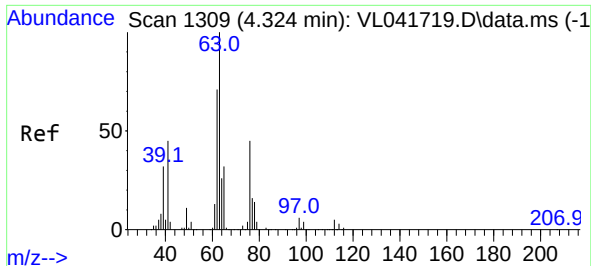
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 9.834 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

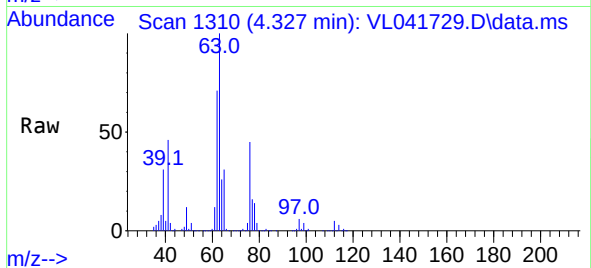
Tgt Ion:130 Resp: 549621
Ion Ratio Lower Upper
130 100
95 83.9 68.0 102.0
132 96.8 76.5 114.7
97 56.1 44.4 66.6





#39
1,2-Dichloropropane
Concen: 9.932 ppbv
RT: 4.327 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

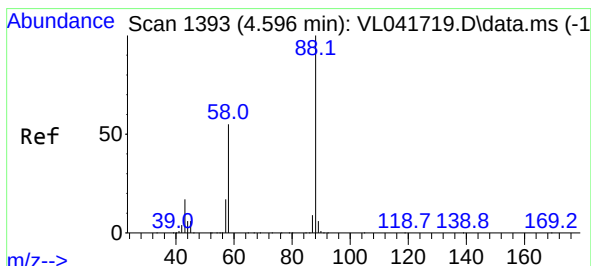
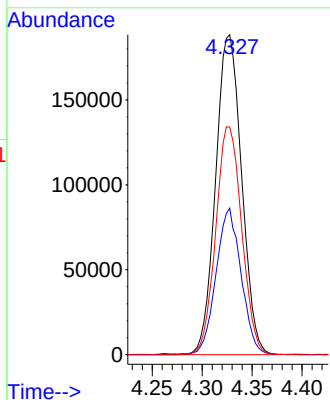
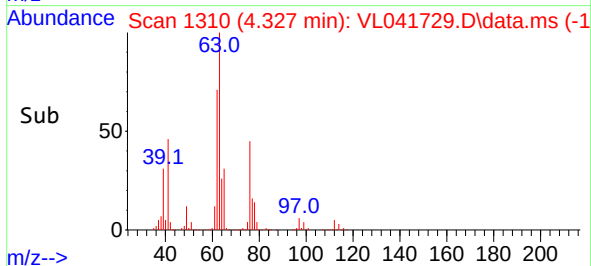
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



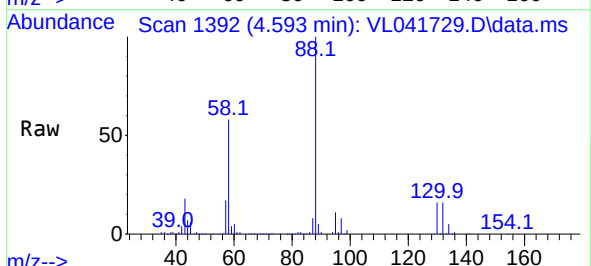
Tgt Ion: 63 Resp: 341075
Ion Ratio Lower Upper
63 100
41 45.7 36.4 54.6
62 71.0 56.6 85.0

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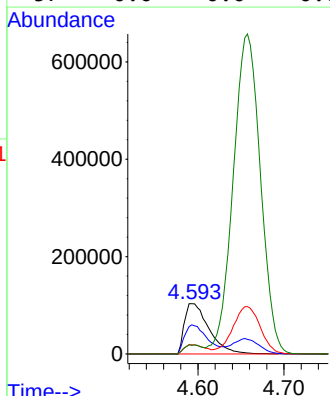
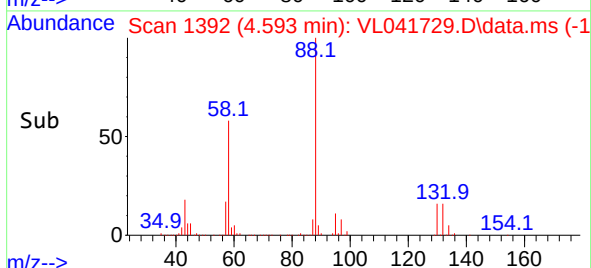
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

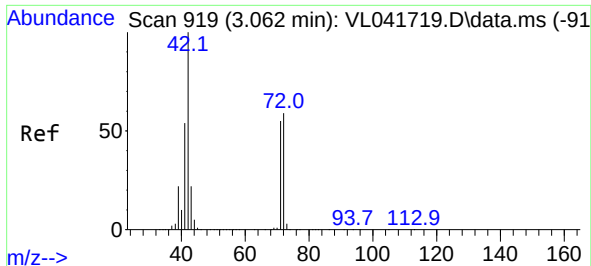


#40
1,4-Dioxane
Concen: 9.867 ppbv
RT: 4.593 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



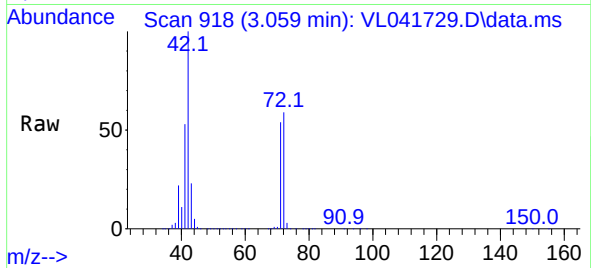
Tgt Ion: 88 Resp: 204451
Ion Ratio Lower Upper
88 100
58 55.3 45.7 68.5
43 14.9 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.820 ppbv
RT: 3.059 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

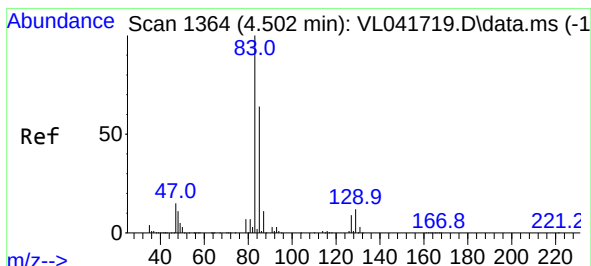
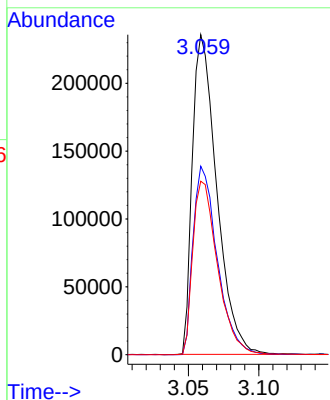
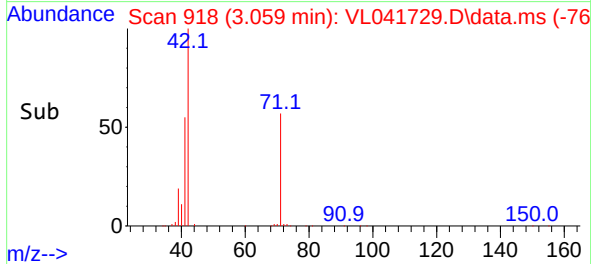
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



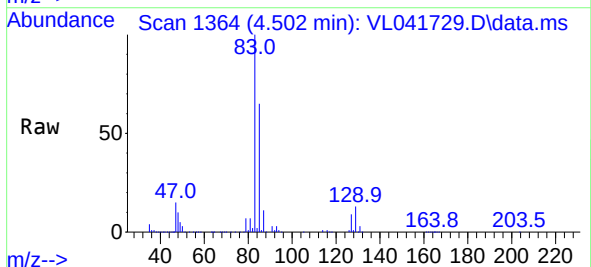
Tgt Ion: 42 Resp: 283998
Ion Ratio Lower Upper
42 100
72 58.8 47.4 71.0
71 55.3 44.4 66.6

Manual Integrations
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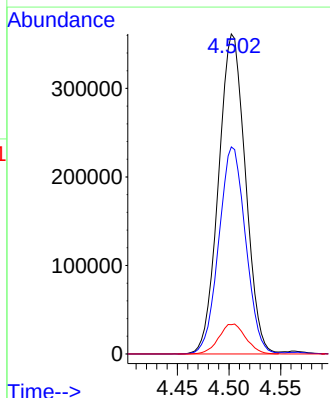
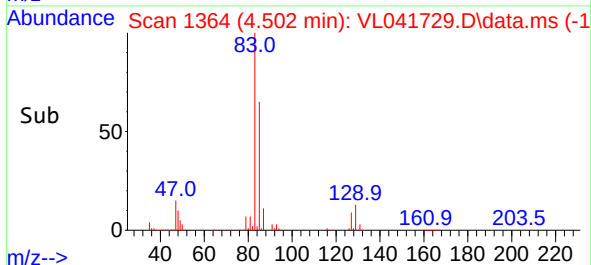
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

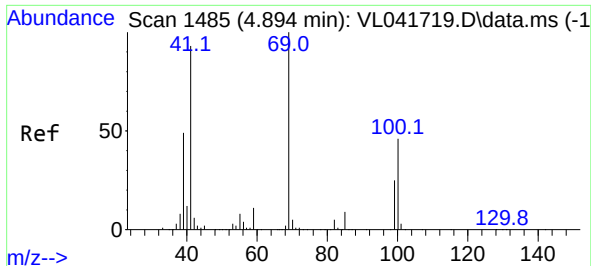


#42
Bromodichloromethane
Concen: 10.410 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 83 Resp: 654288
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6
127 9.2 7.6 11.4





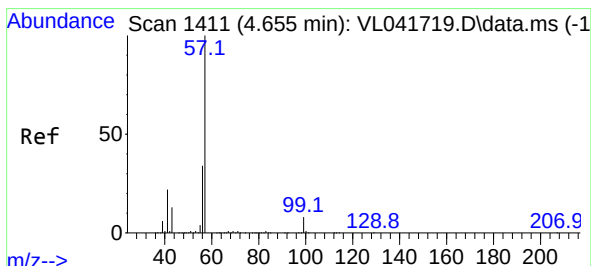
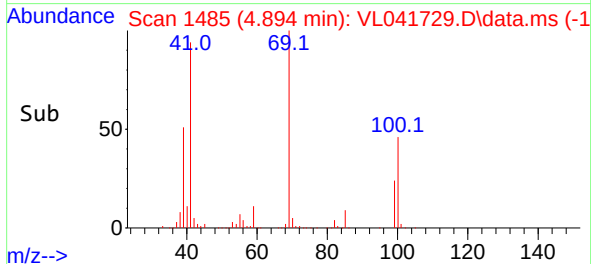
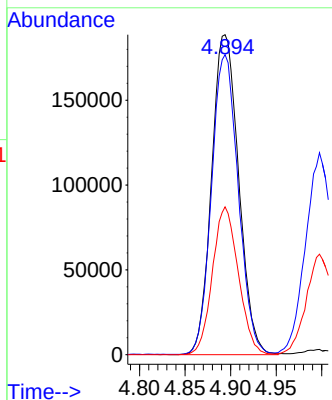
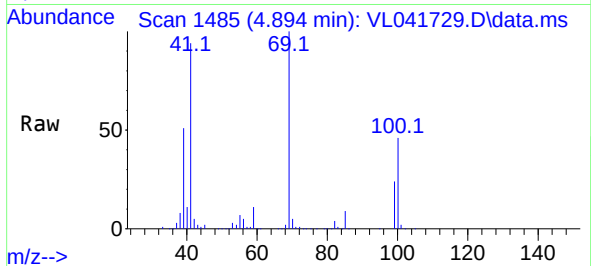
#43
Methyl Methacrylate
Concen: 10.049 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 69 Resp: 39010
Ion Ratio Lower Upper
69 100
41 92.7 74.6 112.0
100 44.3 35.5 53.3

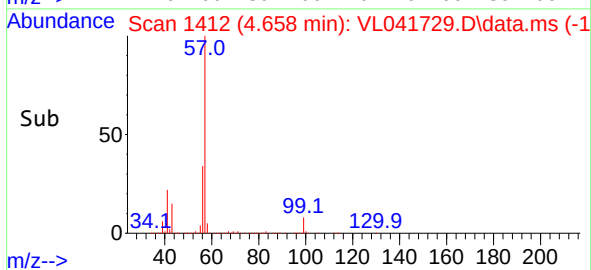
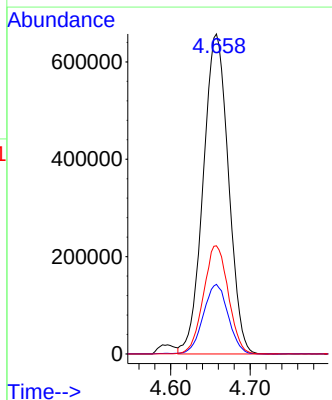
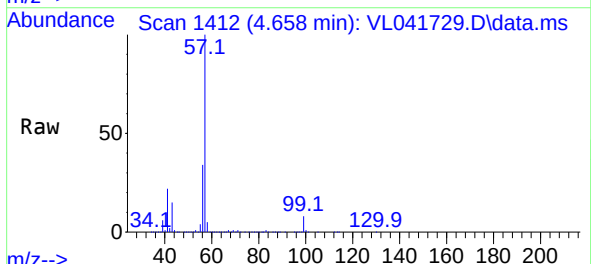
Manual Integrations
APPROVED

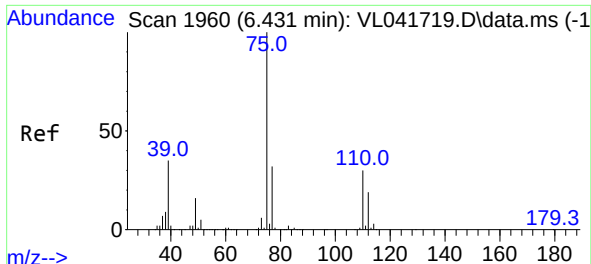
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#44
2,2,4-Trimethylpentane
Concen: 9.660 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion: 57 Resp: 1449083
Ion Ratio Lower Upper
57 100
41 21.6 17.2 25.8
56 33.4 26.6 40.0





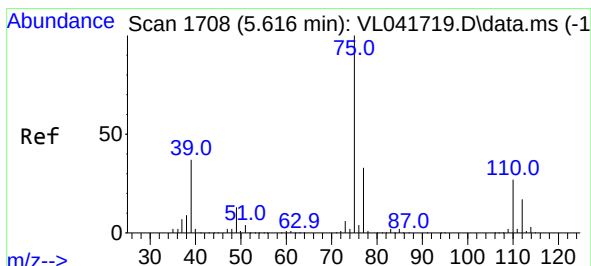
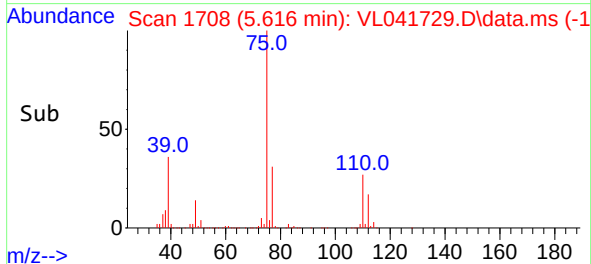
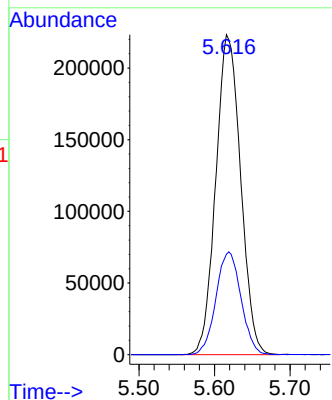
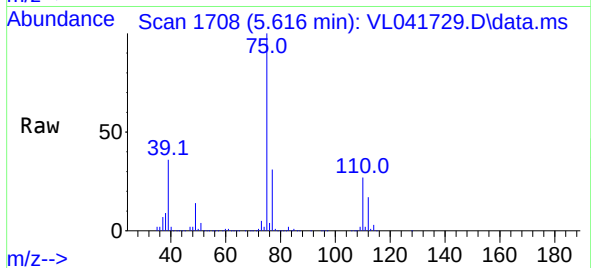
#45
t-1,3-Dichloropropene
Concen: 10.140 ppbv
RT: 5.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 75 Resp: 50977
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4

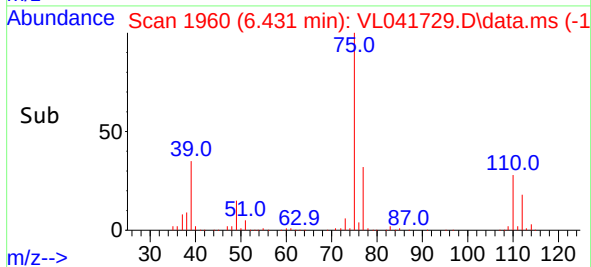
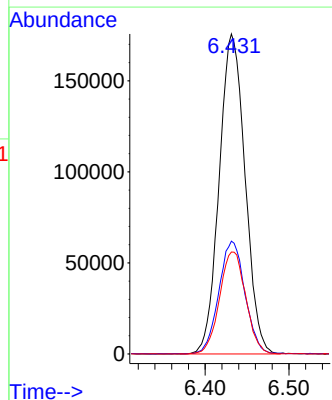
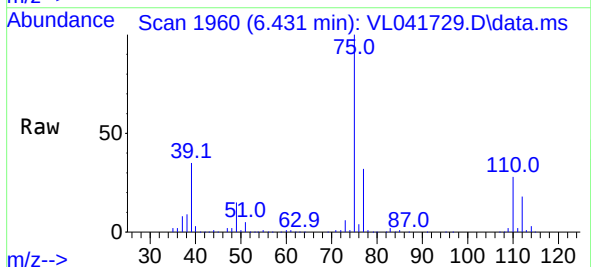
Manual Integrations
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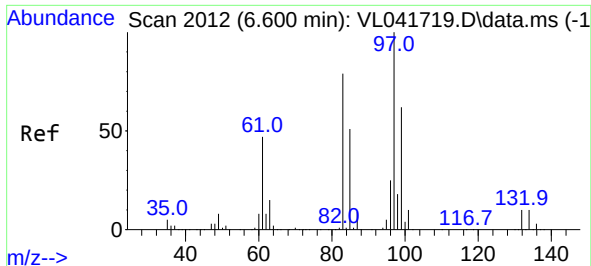
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 9.933 ppbv
RT: 6.431 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion: 75 Resp: 376545
Ion Ratio Lower Upper
75 100
39 35.2 28.1 42.1
77 31.8 25.8 38.6





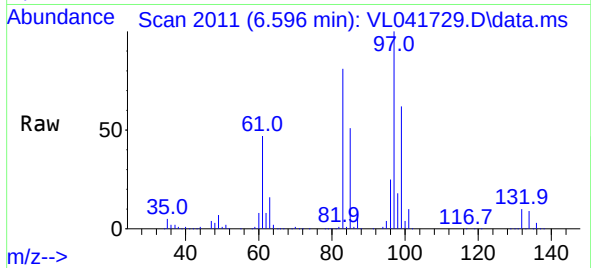
#47
1,1,2-Trichloroethane
Concen: 9.614 ppbv
RT: 6.596 min Scan# 2012
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS01

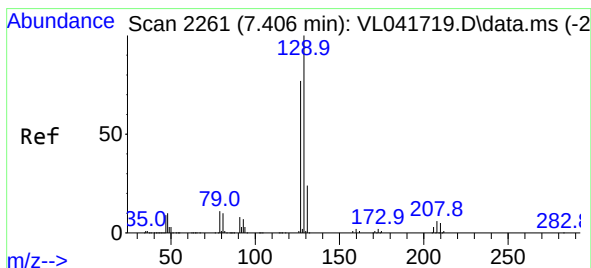
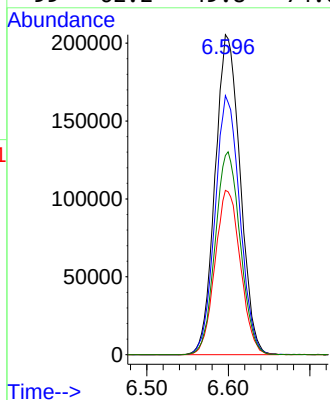
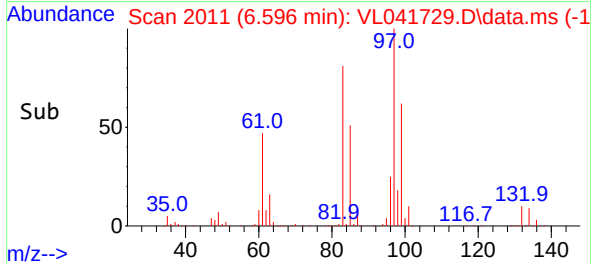


Tgt Ion: 97 Resp: 439629
Ion Ratio Lower Upper
97 100
83 81.0 63.0 94.4
85 51.4 41.0 61.6
99 62.2 49.8 74.6

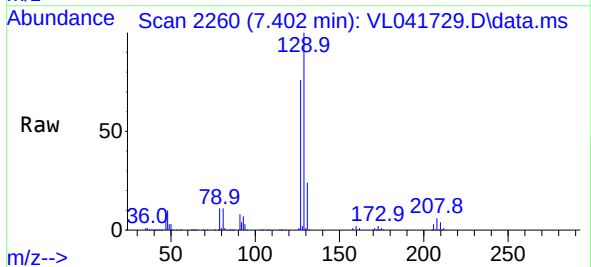
Manual Integrations

APPROVED

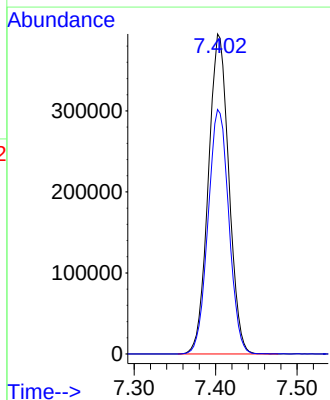
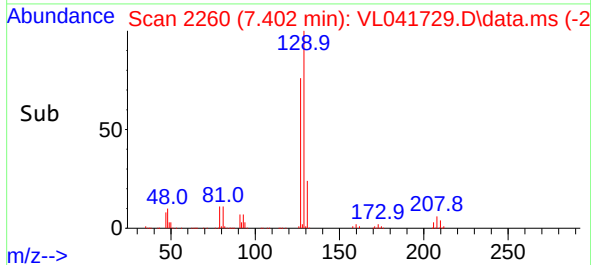
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

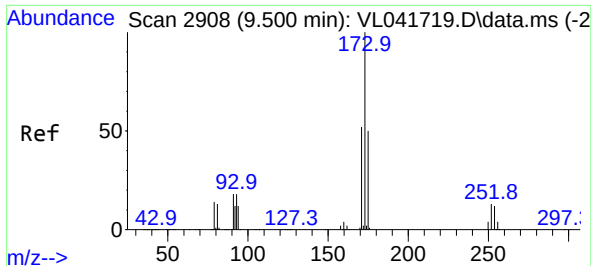


#48
Dibromochloromethane
Concen: 10.480 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



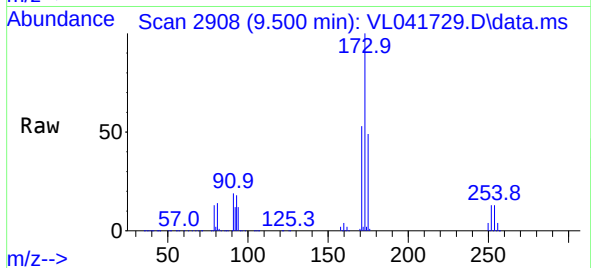
Tgt Ion:129 Resp: 690484
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#49
Bromoform
Concen: 10.924 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

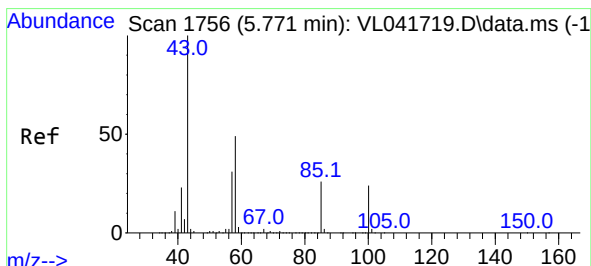
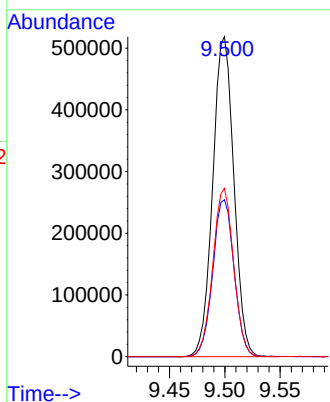
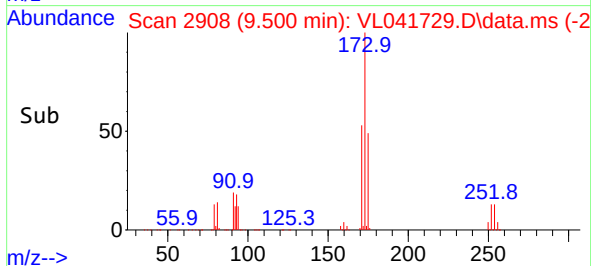
Instrument : MSVOA_L
ClientSampleId : VL1211ABS01



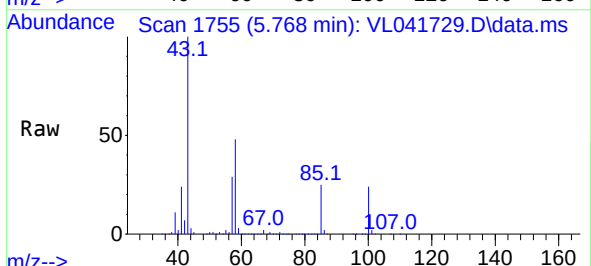
Tgt Ion:173 Resp: 688600
Ion Ratio Lower Upper
173 100
175 49.6 39.5 59.3
171 51.8 41.4 62.0

Manual Integrations
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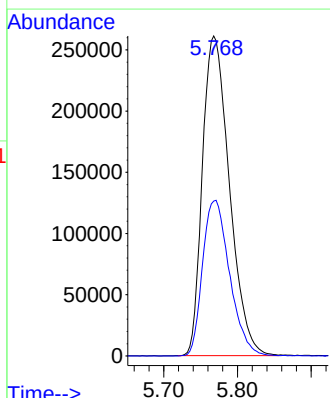
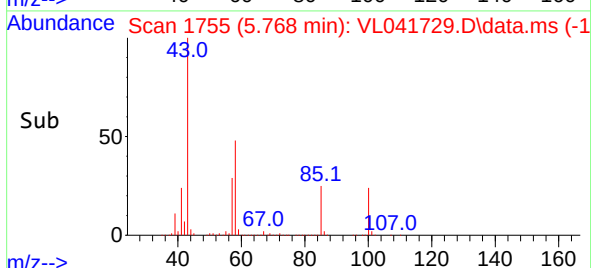
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

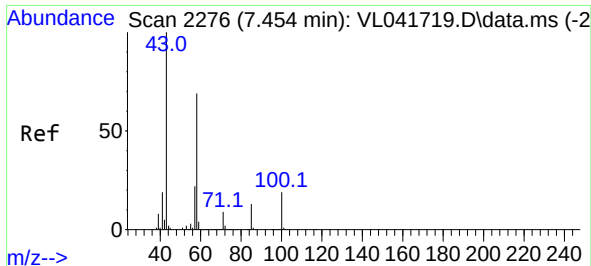


#50
4-Methyl-2-Pentanone
Concen: 9.651 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



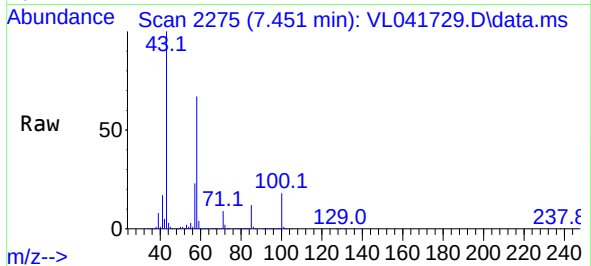
Tgt Ion: 43 Resp: 664389
Ion Ratio Lower Upper
43 100
58 48.9 38.9 58.3





#51
2-Hexanone
Concen: 9.412 ppbv
RT: 7.451 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

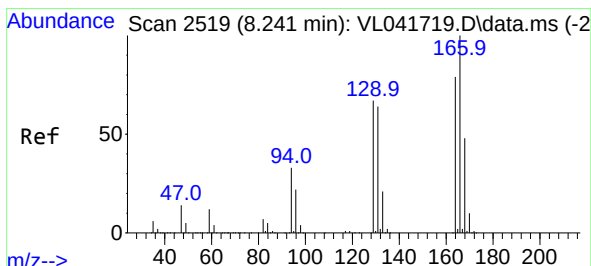
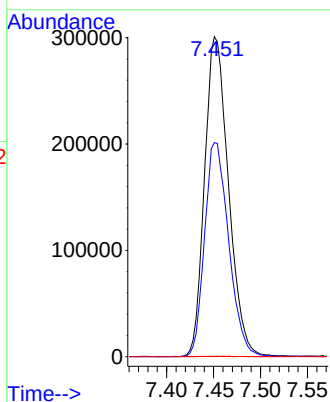
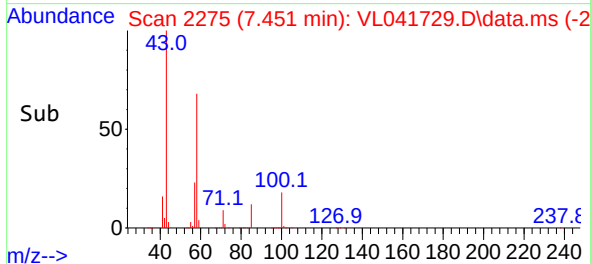
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



Tgt Ion: 43 Resp: 53289
Ion Ratio Lower Upper
43 100
58 67.7 54.2 81.4
98 0.2 0.2 0.2

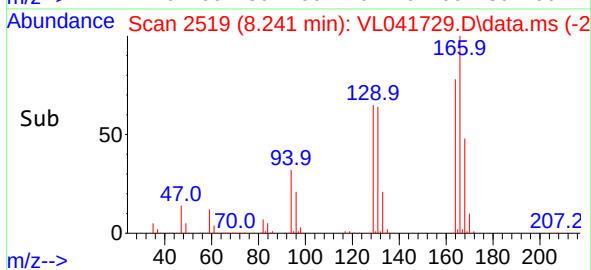
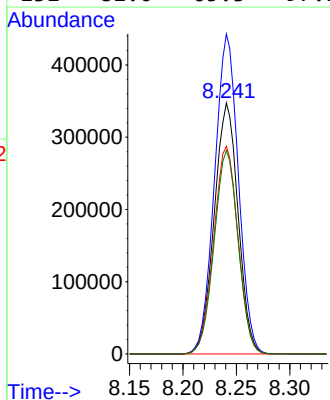
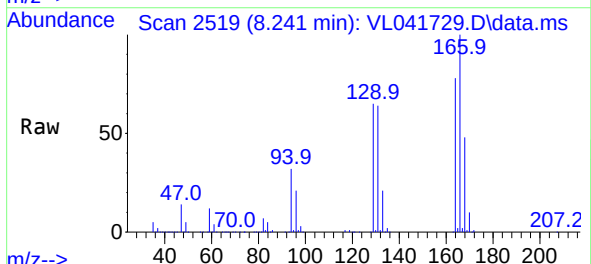
Manual Integrations
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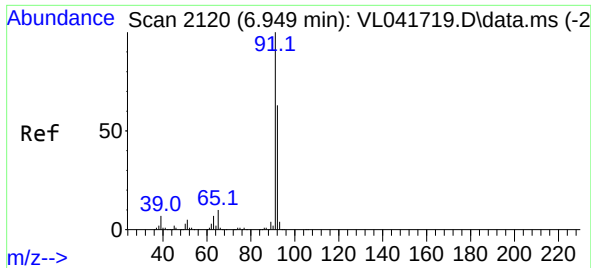
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 9.472 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

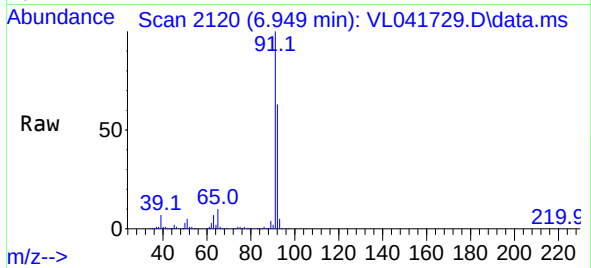
Tgt Ion:164 Resp: 540870
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 82.7 67.6 101.4
131 81.0 65.3 97.9





#53
Toluene
Concen: 9.655 ppbv
RT: 6.949 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

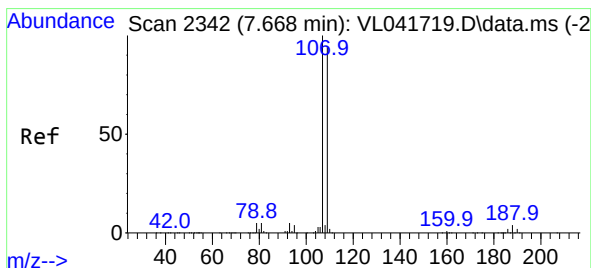
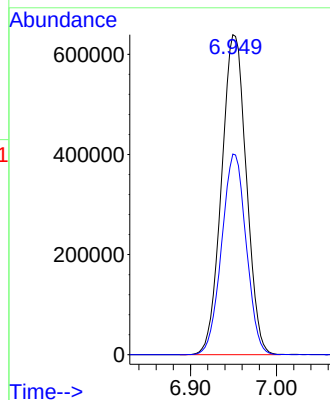
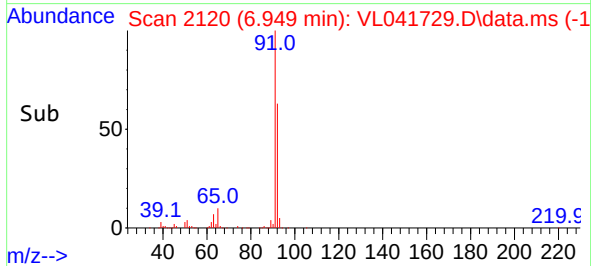
Instrument : MSVOA_L
ClientSampleId : VL1211ABS01



Tgt Ion: 91 Resp: 127869
Ion Ratio Lower Upper
91 100
92 62.1 49.7 74.5

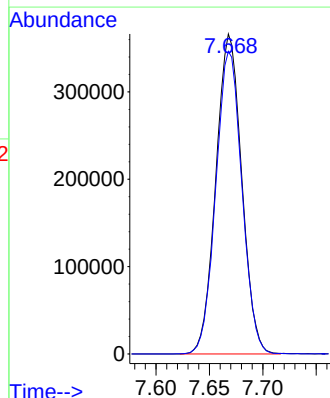
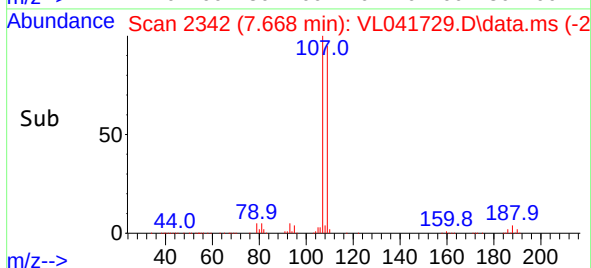
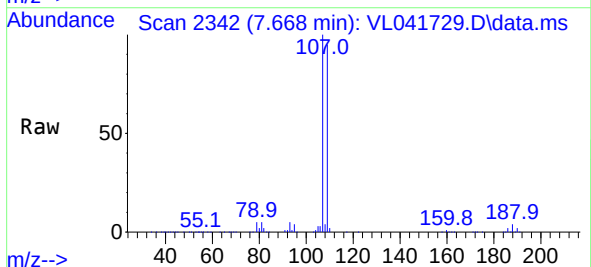
Manual Integrations
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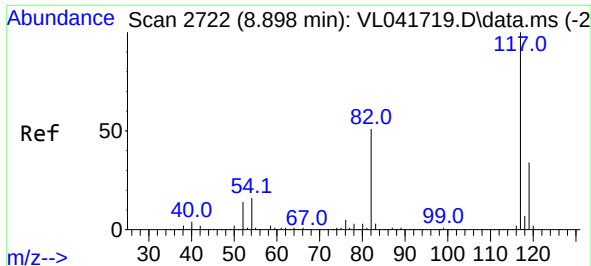
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 9.844 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

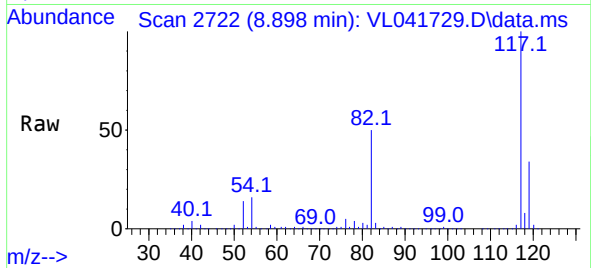
Tgt Ion:107 Resp: 615324
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

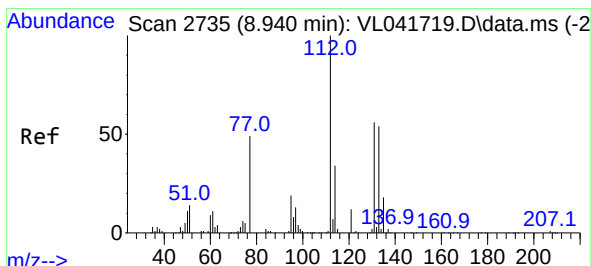
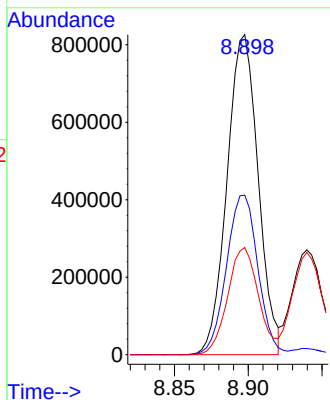
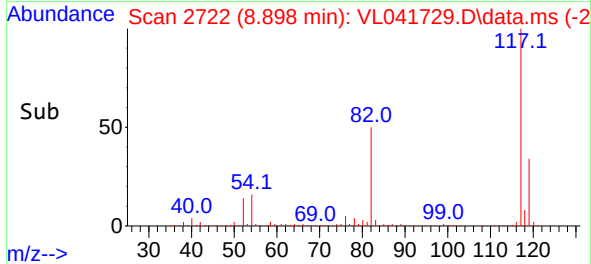
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



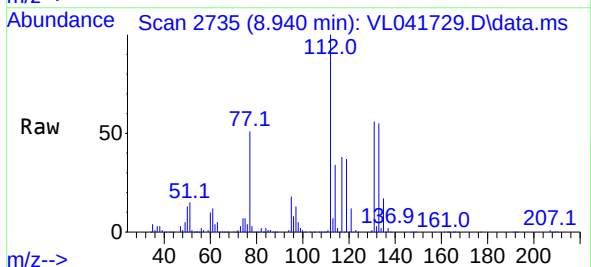
Tgt Ion:117 Resp: 1215319
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 33.5 25.8 38.8

Manual Integrations
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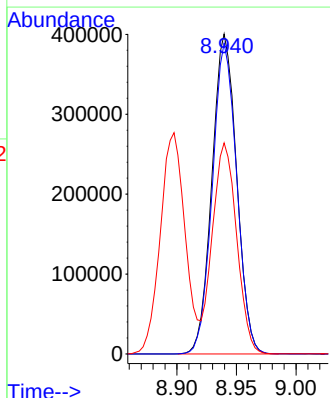
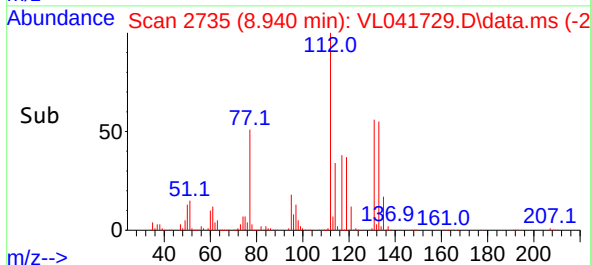
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

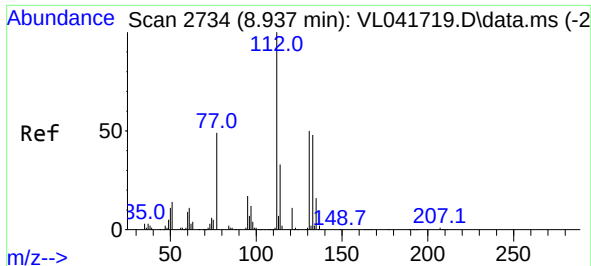


#56
1,1,1,2-Tetrachloroethane
Concen: 10.189 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion:131 Resp: 575738
Ion Ratio Lower Upper
131 100
133 96.0 76.9 115.3
119 65.7 52.6 78.8





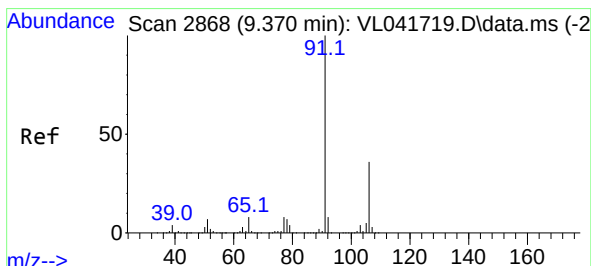
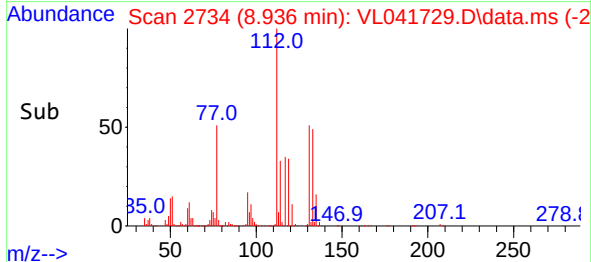
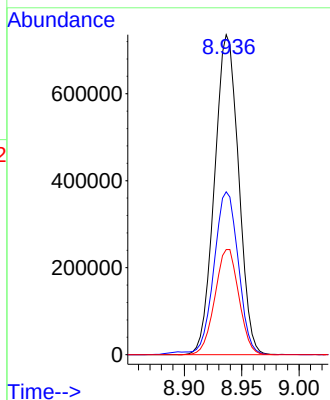
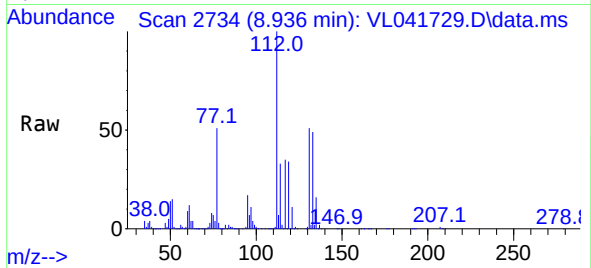
#57
Chlorobenzene
Concen: 9.711 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 112 Resp: 1073978
Ion Ratio Lower Upper
112 100
77 50.9 40.1 60.1
114 32.9 30.2 36.9

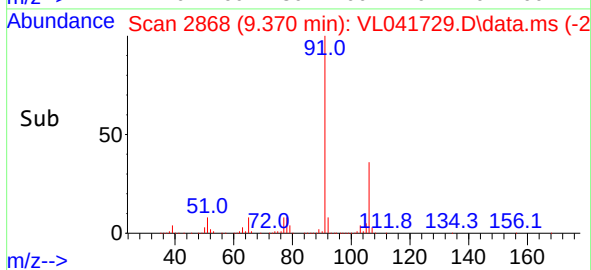
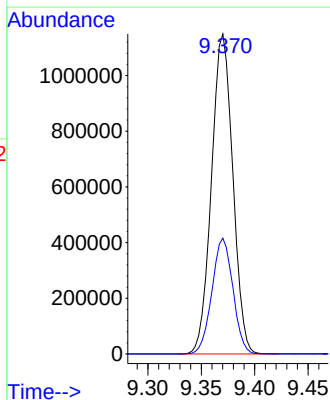
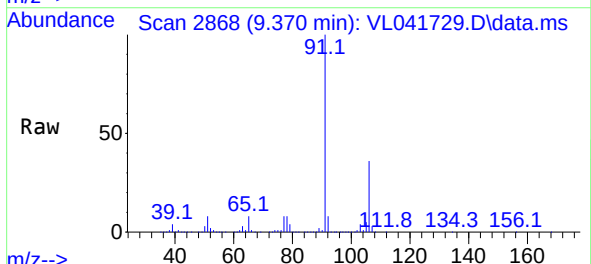
Manual Integrations
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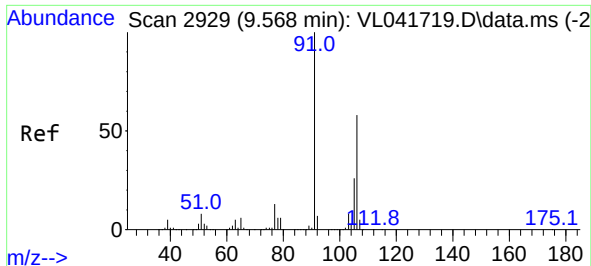
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 9.806 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion: 91 Resp: 1594758
Ion Ratio Lower Upper
91 100
106 36.2 28.6 43.0





#59

m/p-Xylene

Concen: 19.622 ppbv m

RT: 9.568 min Scan# 2929

Delta R.T. -0.000 min

Lab File: VL041729.D

Acq: 11 Dec 2024 19:59

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS01

Tgt Ion: 91 Resp: 244492

Ion Ratio Lower Upper

91 100

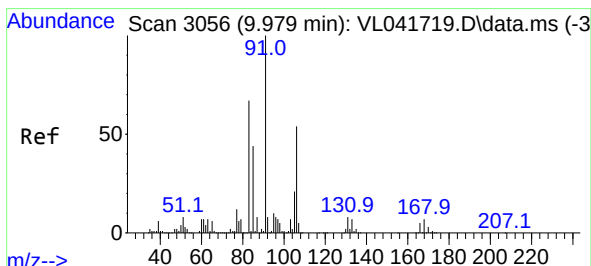
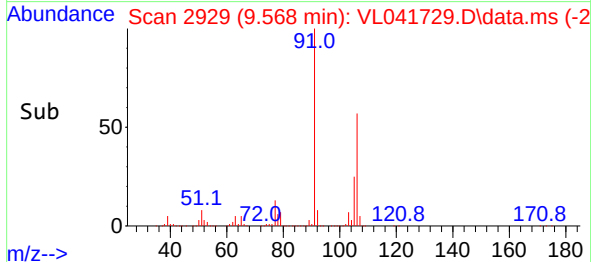
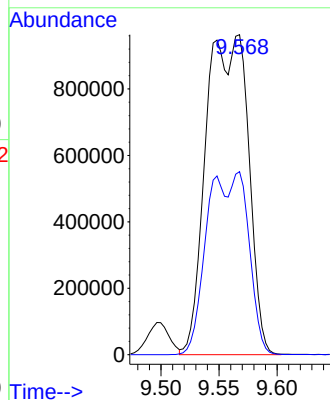
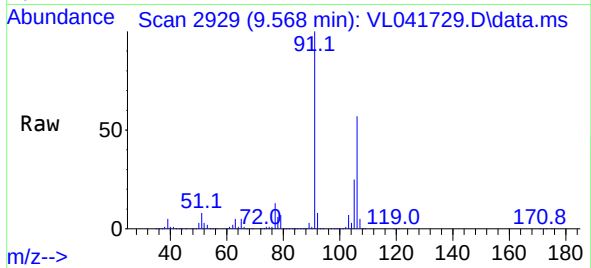
106 56.2 45.1 67.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#60

o-Xylene

Concen: 9.915 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL041729.D

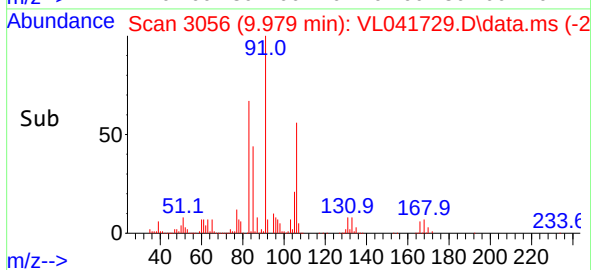
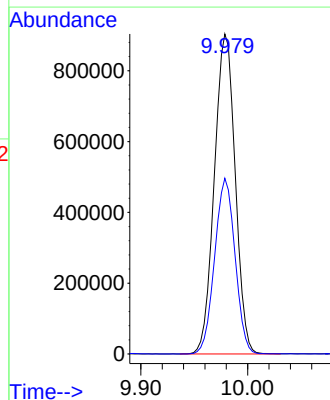
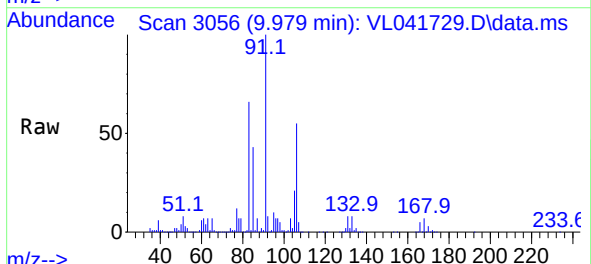
Acq: 11 Dec 2024 19:59

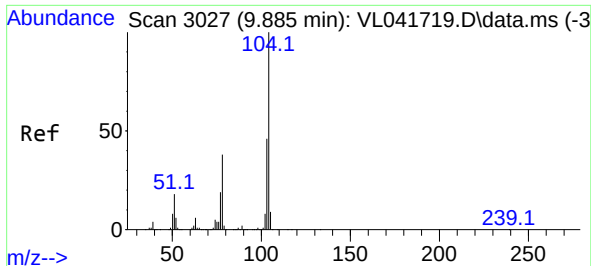
Tgt Ion: 91 Resp: 1225178

Ion Ratio Lower Upper

91 100

106 53.8 26.8 80.4





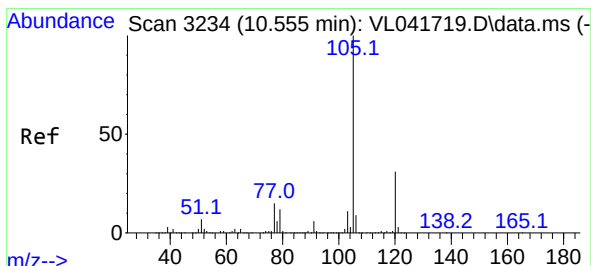
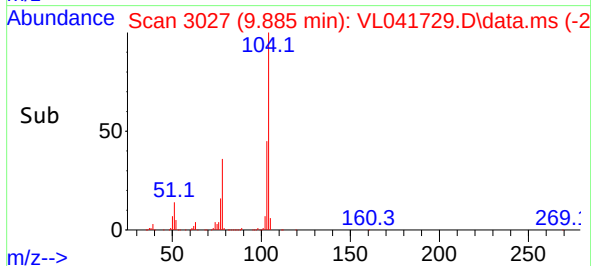
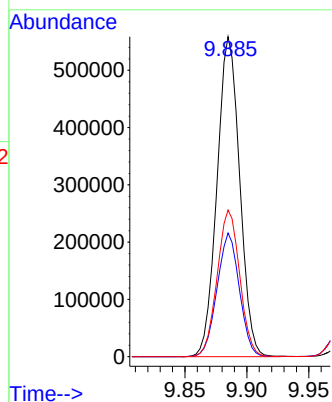
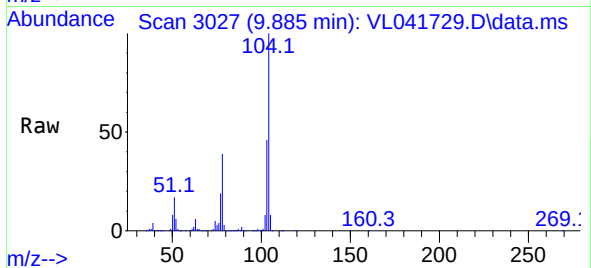
#61
Styrene
Concen: 10.442 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion:104 Resp: 712217
Ion Ratio Lower Upper
104 100
78 38.1 30.2 45.4
103 45.6 36.7 55.1

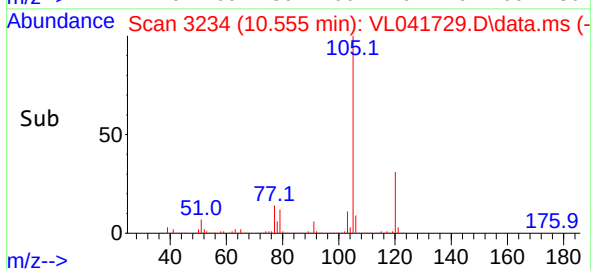
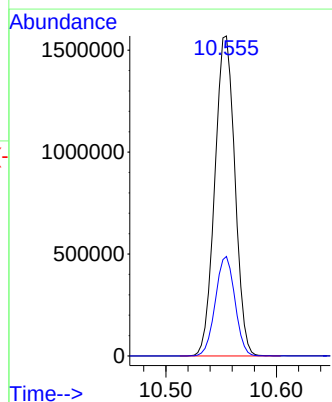
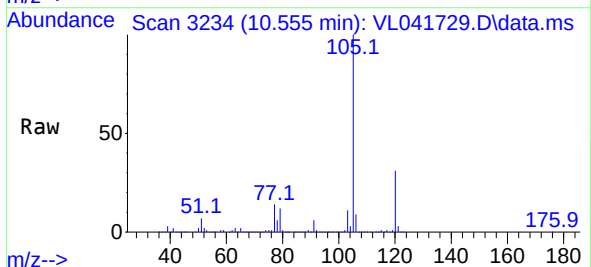
Manual Integrations
APPROVED

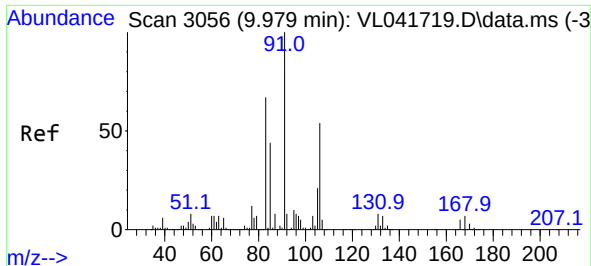
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 9.695 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion:105 Resp: 1976292
Ion Ratio Lower Upper
105 100
120 30.4 24.3 36.5





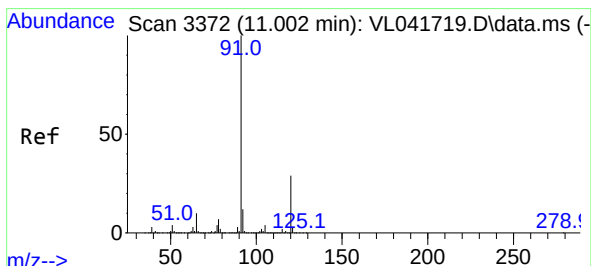
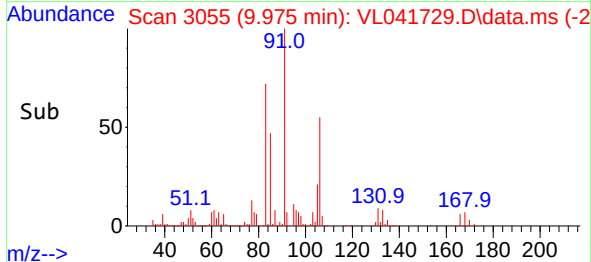
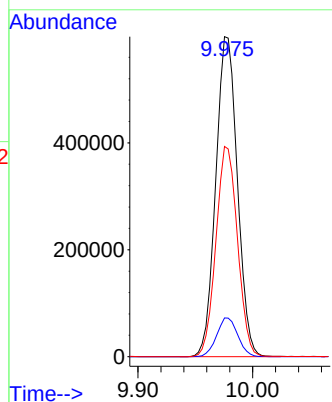
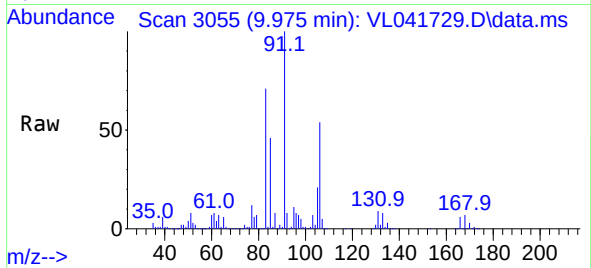
#63
1,1,2,2-Tetrachloroethane
Concen: 9.810 ppbv
RT: 9.975 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 83 Resp: 784338
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 65.5 32.8 98.4

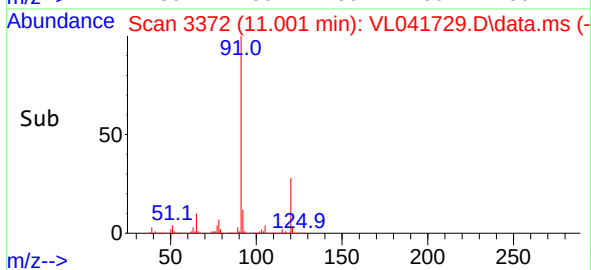
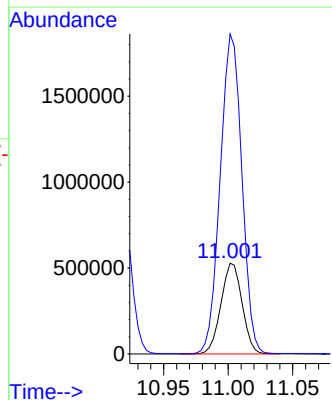
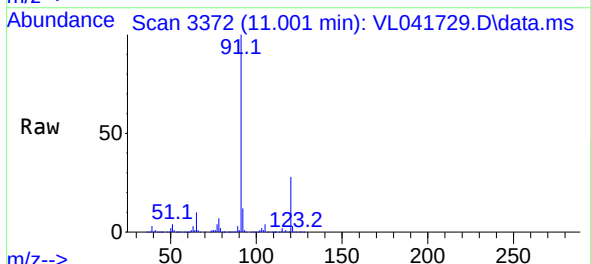
Manual Integrations
APPROVED

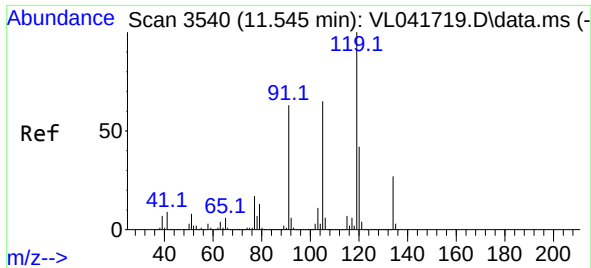
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#64
n-propylbenzene
Concen: 10.011 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Tgt Ion:120 Resp: 600809
Ion Ratio Lower Upper
120 100
91 362.6 290.8 436.2





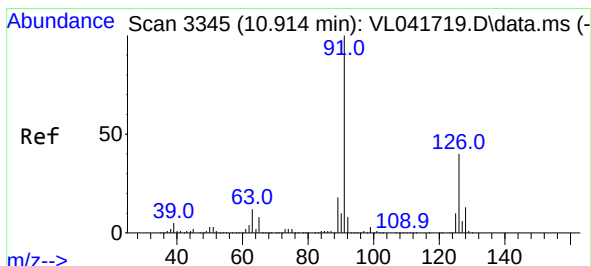
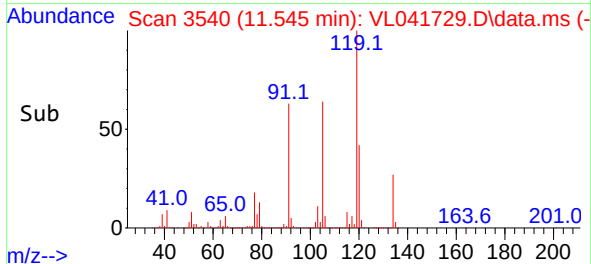
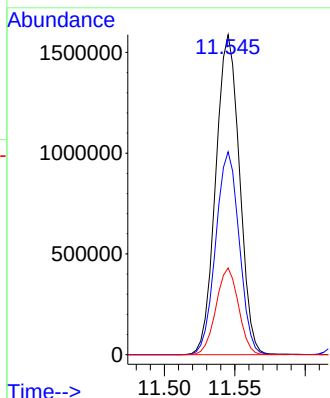
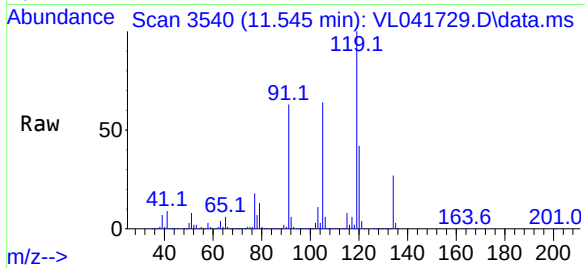
#65
tert-Butylbenzene
Concen: 9.648 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument : MSVOA_L
ClientSampleId : VL1211ABS01

Tgt Ion:119 Resp: 1864233
Ion Ratio Lower Upper
119 100
91 62.8 50.2 75.4
134 25.6 20.4 30.6

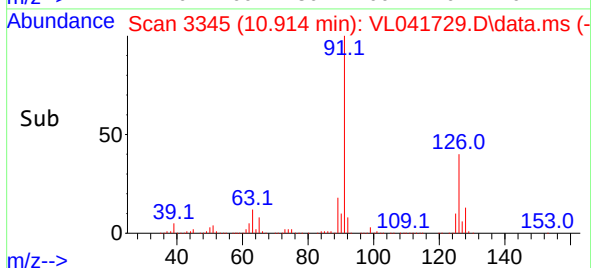
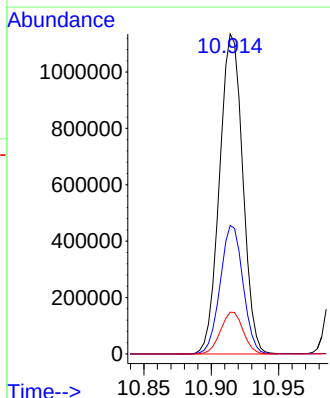
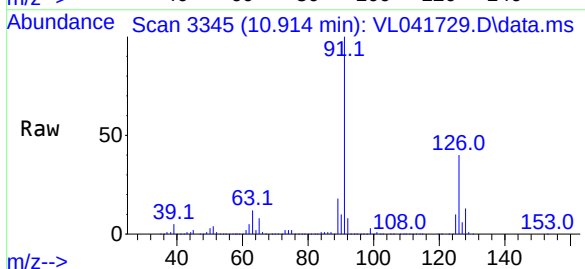
Manual Integrations
APPROVED

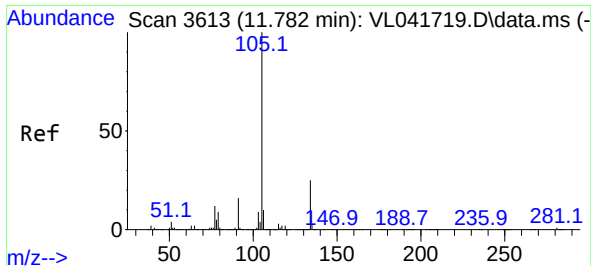
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 9.804 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

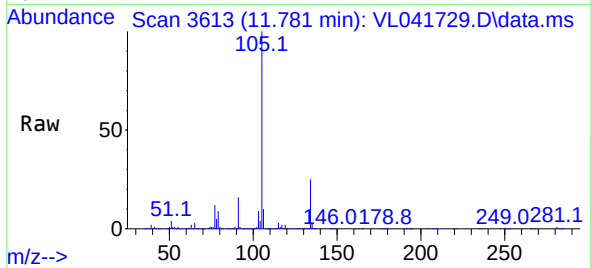
Tgt Ion: 91 Resp: 1358521
Ion Ratio Lower Upper
91 100
126 39.5 31.8 47.8
128 12.8 10.3 15.5





#67
 sec-Butylbenzene
 Concen: 9.541 ppbv
 RT: 11.781 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59

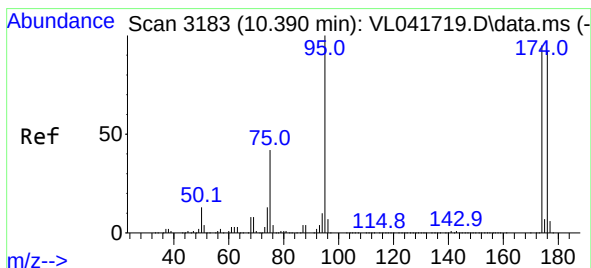
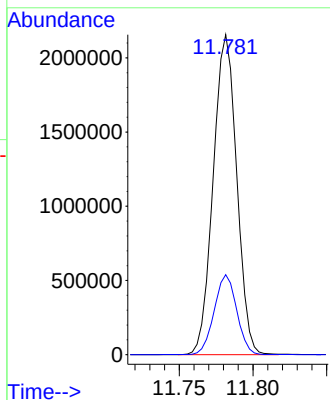
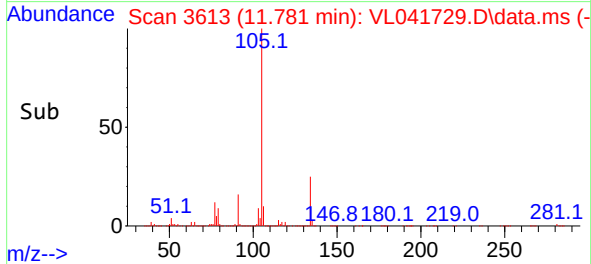
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABS01



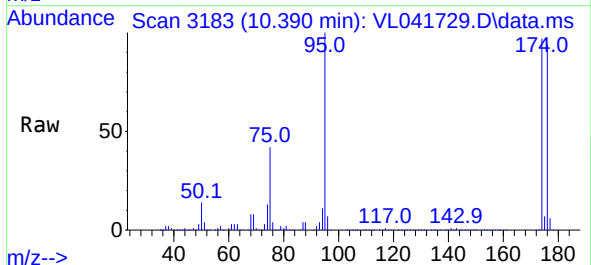
Tgt Ion:105 Resp: 238648
 Ion Ratio Lower Upper
 105 100
 134 24.1 19.3 28.9

Manual Integrations
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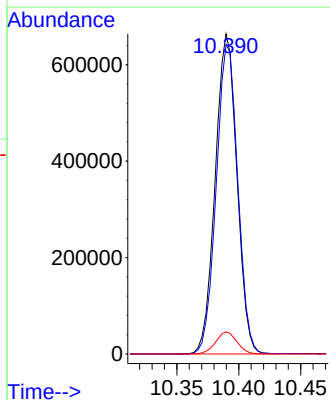
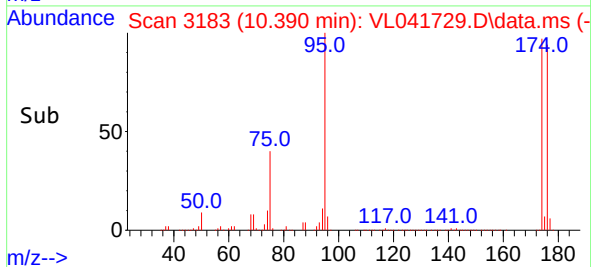
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

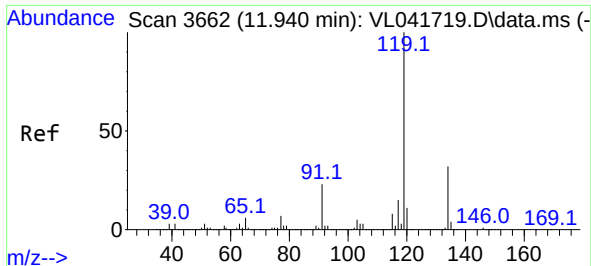


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.142 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.000 min
 Lab File: VL041729.D
 Acq: 11 Dec 2024 19:59



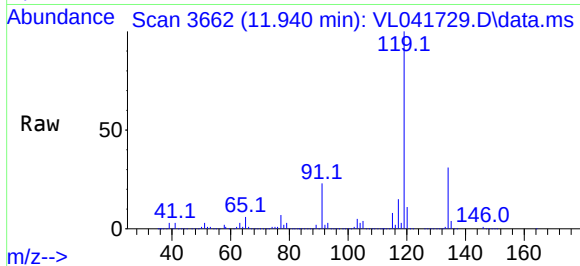
Tgt Ion: 95 Resp: 810267
 Ion Ratio Lower Upper
 95 100
 174 96.2 76.7 115.1
 175 6.8 5.4 8.2





#69
p-Isopropyltoluene
Concen: 9.840 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

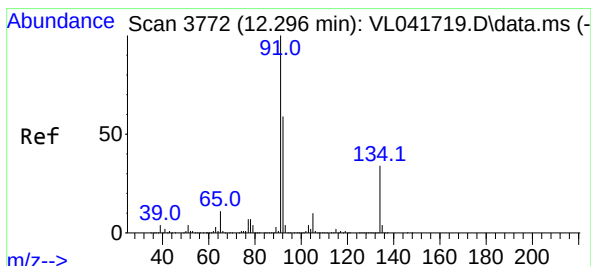
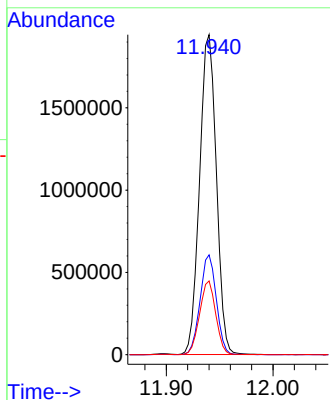
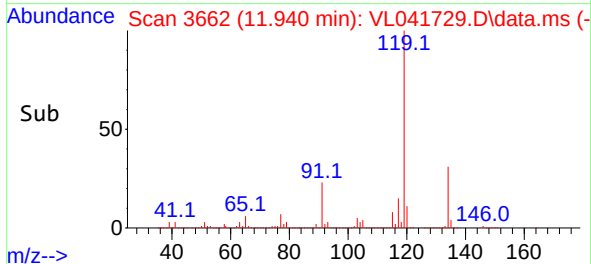
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



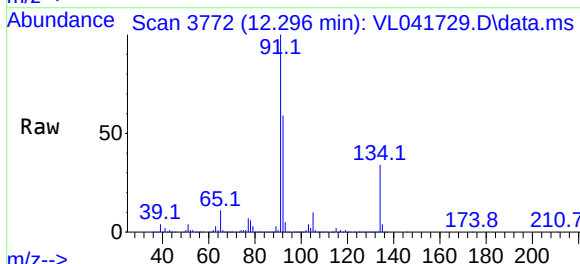
Tgt Ion: 119 Resp: 212293
Ion Ratio Lower Upper
119 100
134 30.3 24.6 36.8
91 22.3 17.8 26.8

Manual Integrations
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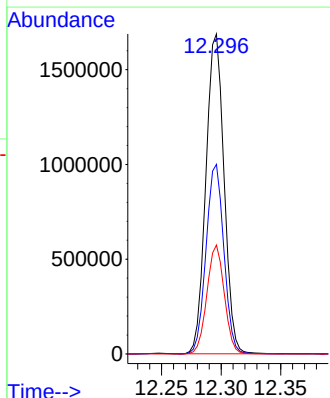
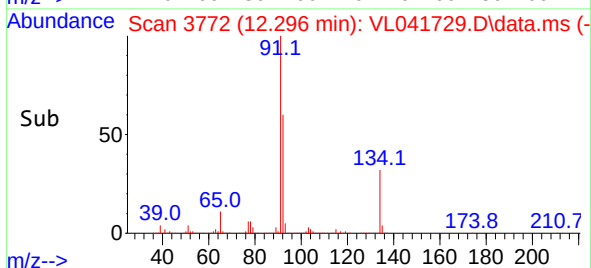
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

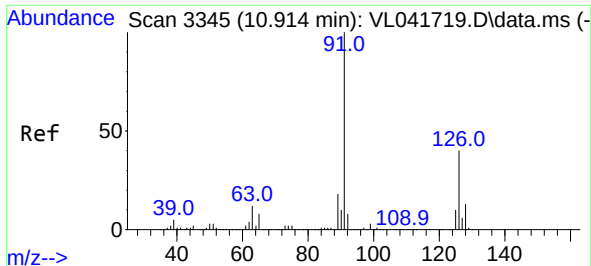


#70
n-Butylbenzene
Concen: 10.011 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



Tgt Ion: 91 Resp: 1792214
Ion Ratio Lower Upper
91 100
92 58.6 46.7 70.1
134 32.7 26.2 39.4





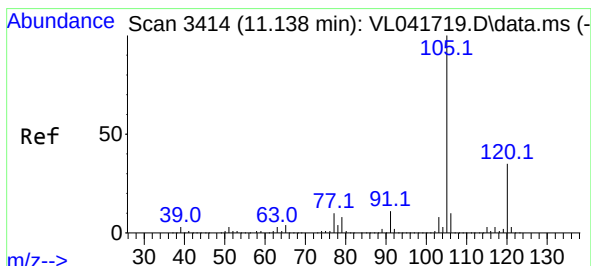
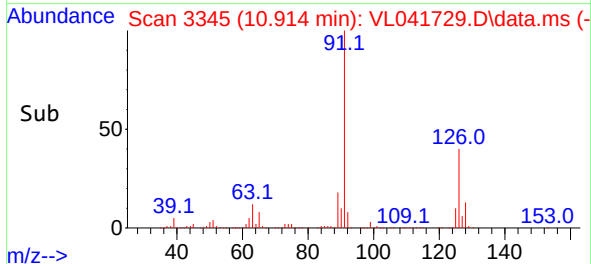
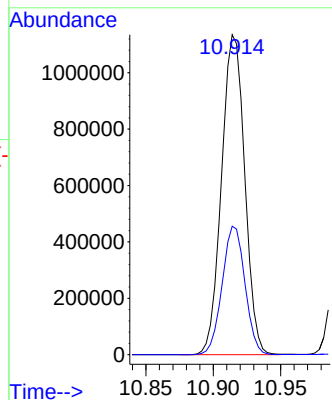
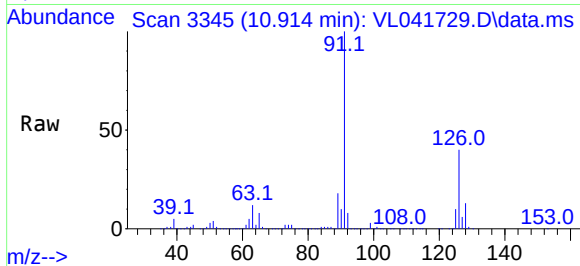
#71
2-Chlorotoluene
Concen: 9.804 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01

Tgt Ion: 91 Resp: 135852
Ion Ratio Lower Upper
91 100
126 39.5 15.9 63.7

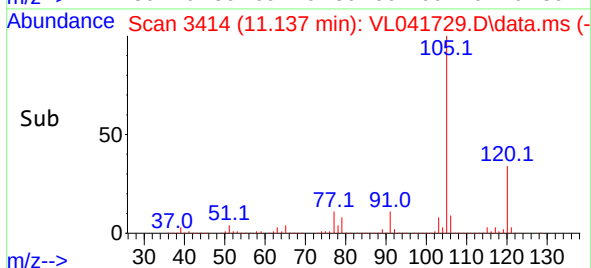
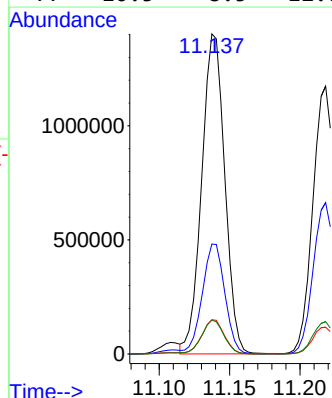
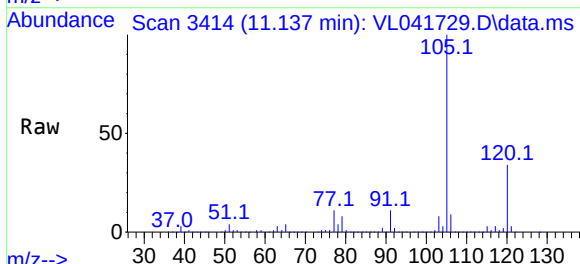
Manual Integrations
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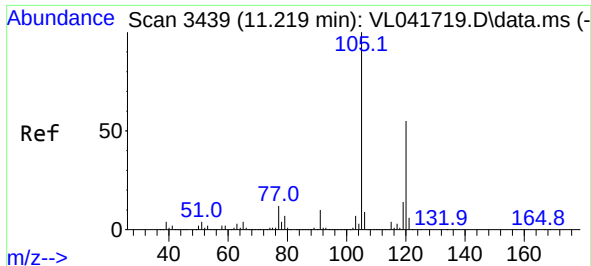
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 10.022 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

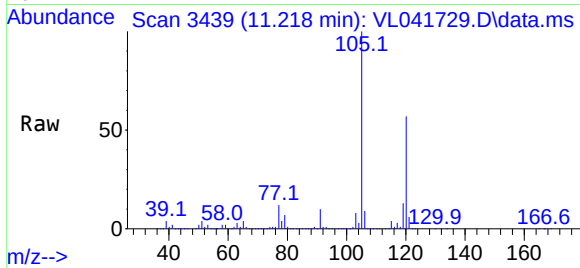
Tgt Ion:105 Resp: 1599009
Ion Ratio Lower Upper
105 100
120 34.9 28.0 42.0
91 10.9 8.8 13.2
77 10.5 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 10.145 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

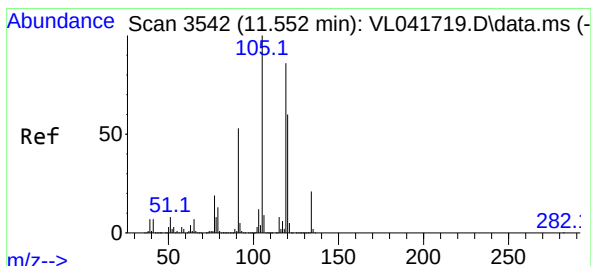
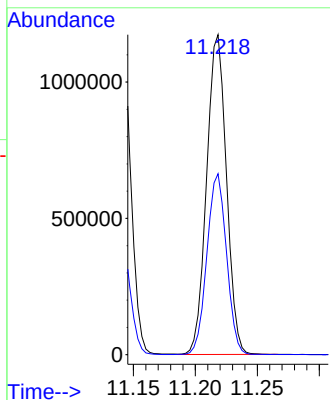
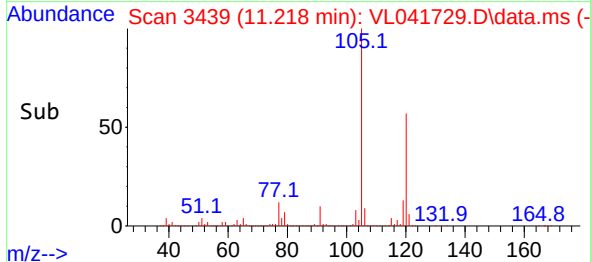
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



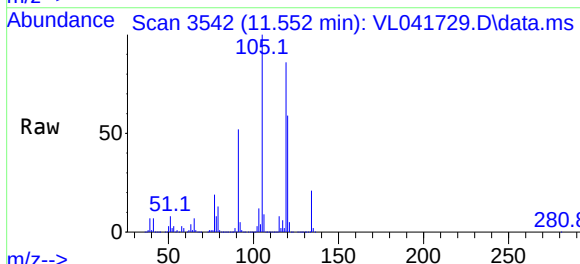
Tgt Ion:105 Resp: 1309520
Ion Ratio Lower Upper
105 100
120 56.5 43.6 65.4

Manual Integrations
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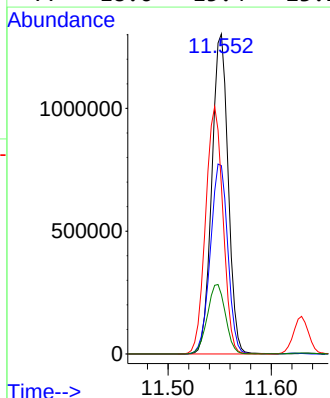
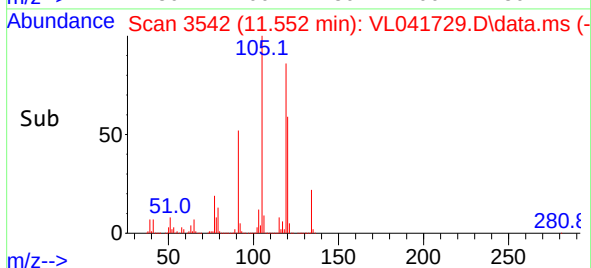
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

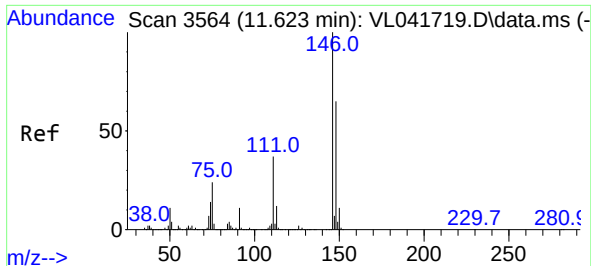


#74
1,2,4-Trimethylbenzene
Concen: 10.189 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



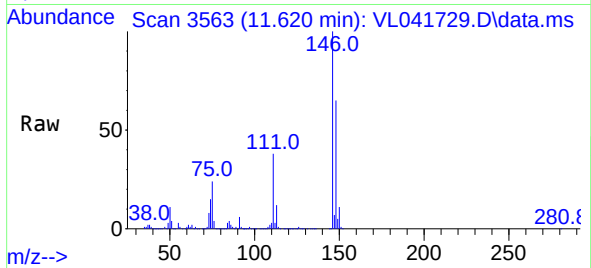
Tgt Ion:105 Resp: 1429765
Ion Ratio Lower Upper
105 100
120 58.9 47.8 71.6
91 52.5 42.5 63.7
77 18.6 15.4 23.2





#75
1,3-Dichlorobenzene
Concen: 9.781 ppbv
RT: 11.620 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

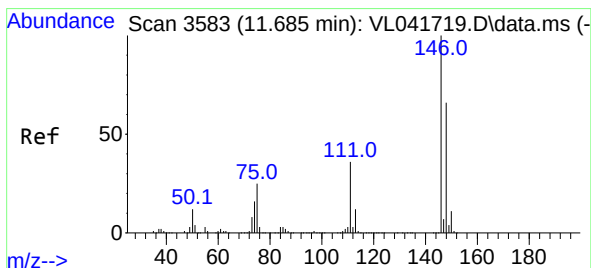
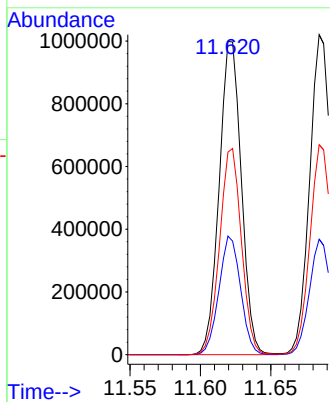
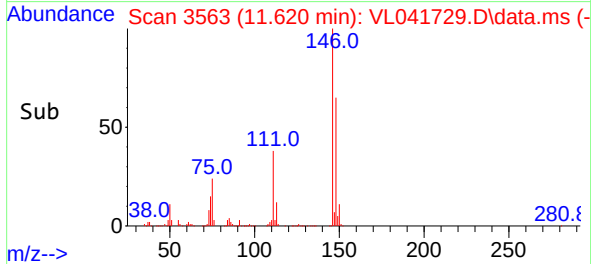
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



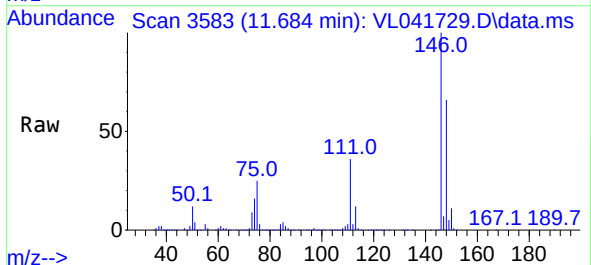
Tgt Ion:146 Resp: 109684
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.2
148 64.8 32.4 97.2

Manual Integrations
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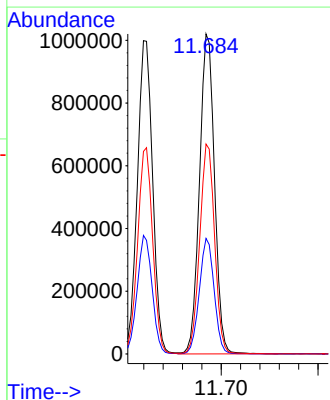
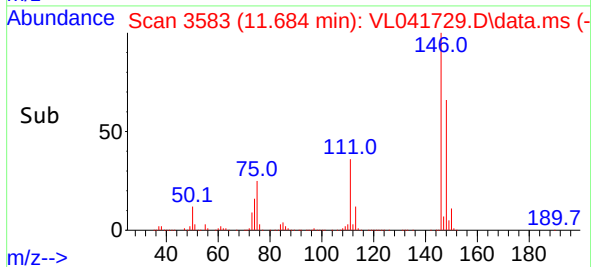
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

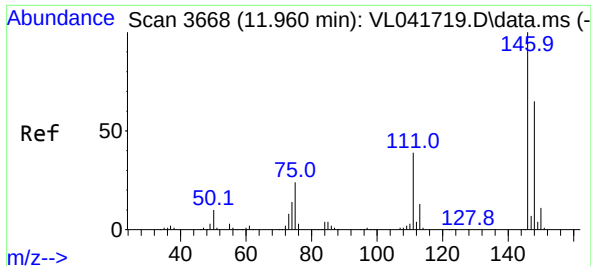


#76
1,4-Dichlorobenzene
Concen: 9.905 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



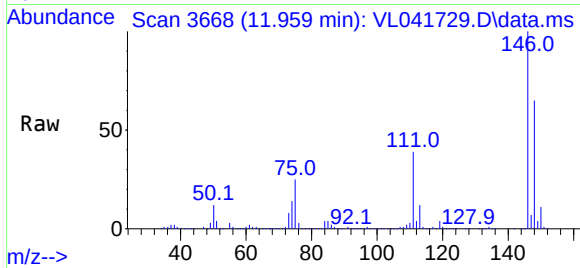
Tgt Ion:146 Resp: 1097087
Ion Ratio Lower Upper
146 100
111 35.7 17.8 53.4
148 65.4 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.718 ppbv
RT: 11.959 min Scan# 3668
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

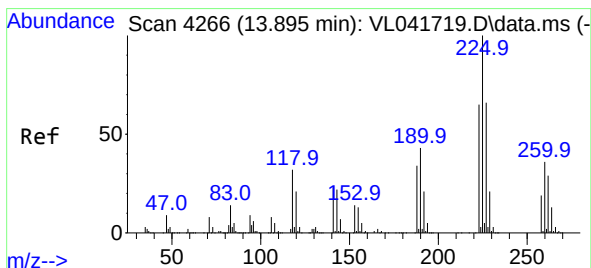
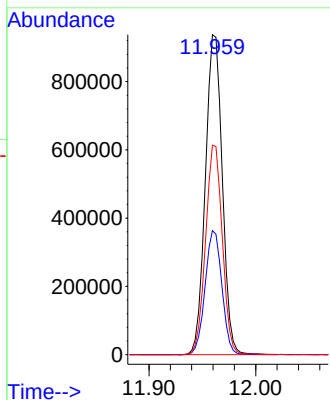
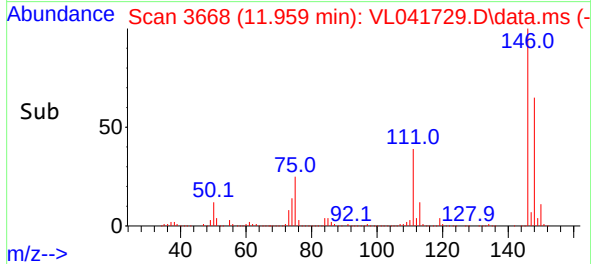
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



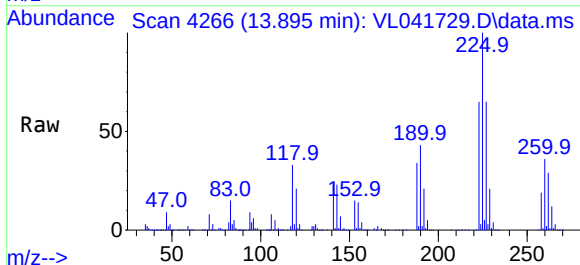
Tgt Ion:146 Resp: 1031880
Ion Ratio Lower Upper
146 100
111 38.6 19.2 57.6
148 64.9 32.4 97.2

Manual Integrations
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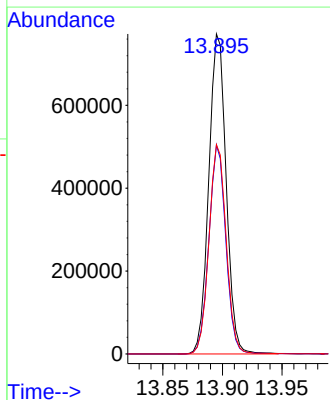
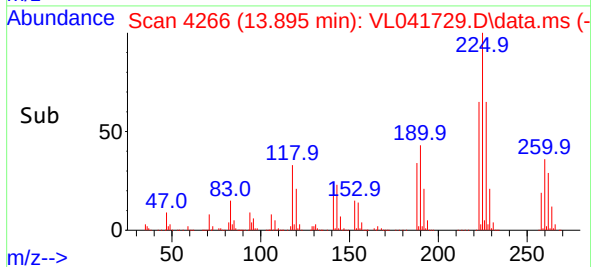
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

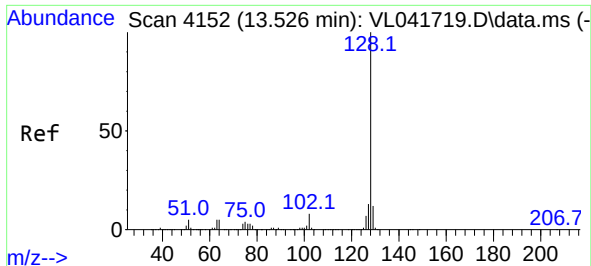


#78
Hexachloro-1,3-Butadiene
Concen: 8.984 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



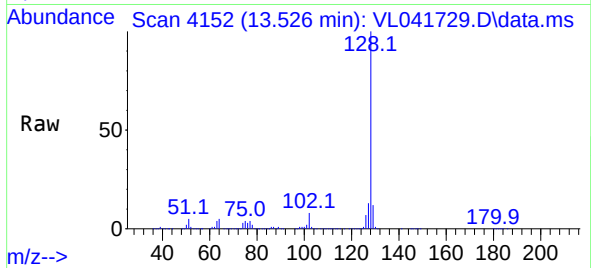
Tgt Ion:225 Resp: 784160
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 65.1 51.8 77.6





#79
Naphthalene
Concen: 10.938 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

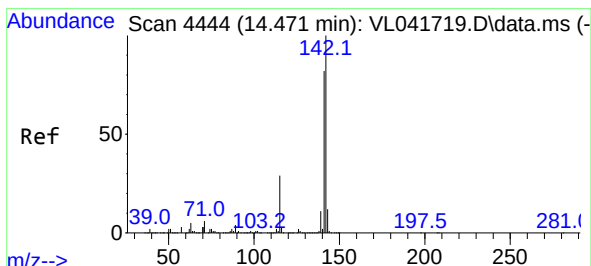
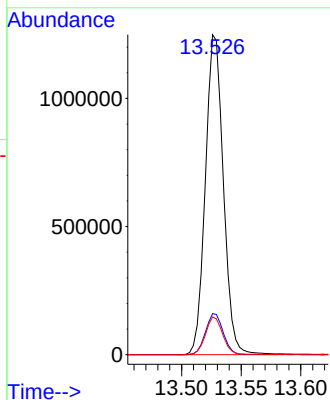
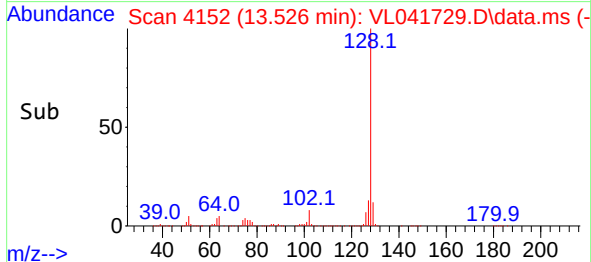
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



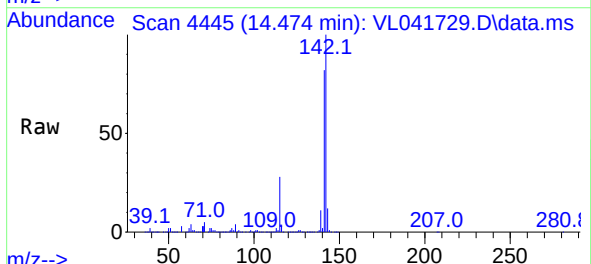
Tgt Ion:128 Resp: 131378
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.8 9.4 14.0

Manual Integrations
APPROVED

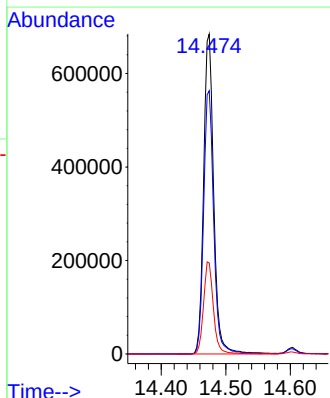
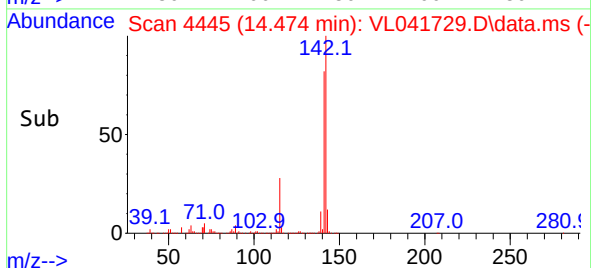
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

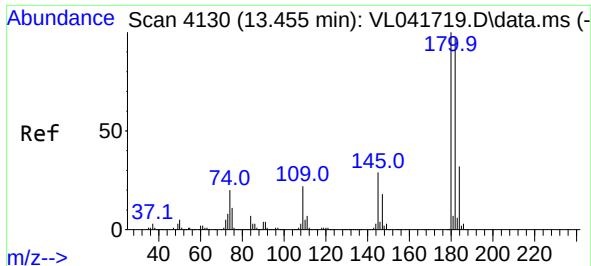


#80
Naphthalene,2-methyl-
Concen: 17.152 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59



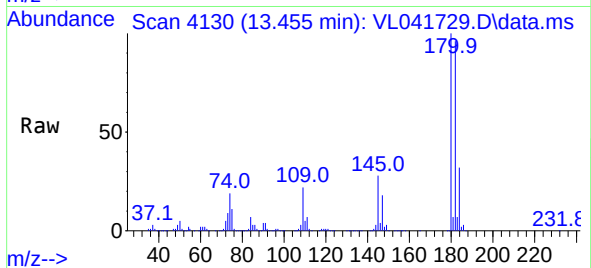
Tgt Ion:142 Resp: 745365
Ion Ratio Lower Upper
142 100
141 82.6 66.0 99.0
115 28.4 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 10.400 ppbv
RT: 13.455 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041729.D
Acq: 11 Dec 2024 19:59

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS01



Tgt Ion:180 Resp: 786475
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
184 31.6 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

