

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015727.D
 Acq On : 16 Apr 2020 20:54
 Operator : JC/SP
 Sample : L2294-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:14 AM

Quant Time: Apr 17 08:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1048877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1551744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1427872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	791335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	622880	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
35) Dibromofluoromethane	5.47	113	498708	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	8.70	98	1823033	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.12	95	733156	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	357366	38.673	ug/l	99
3) Chloromethane	1.31	50	444799	37.797	ug/l	100
4) Vinyl Chloride	1.39	62	456981	42.291	ug/l	97
5) Bromomethane	1.62	94	241239	48.129	ug/l	98
6) Chloroethane	1.71	64	288694	43.078	ug/l	100
7) Trichlorofluoromethane	1.91	101	638248	44.043	ug/l	100
8) Diethyl Ether	2.17	74	261672	42.811	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	436488	46.204	ug/l	96
10) Methyl Iodide	2.49	142	483153	37.933	ug/l	97
11) Tert butyl alcohol	3.01	59	625028	176.519	ug/l	98
12) 1,1-Dichloroethene	2.36	96	420714	42.486	ug/l	99
13) Acrolein	2.27	56	572683	283.925	ug/l	98
14) Allyl chloride	2.71	41	884875	38.243	ug/l	99
15) Acrylonitrile	3.11	53	1400376	207.382	ug/l	100
16) Acetone	2.42	43	1249096	196.537	ug/l	96
17) Carbon Disulfide	2.55	76	1101852	36.475	ug/l	99
18) Methyl Acetate	2.75	43	681042	41.985	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1616583	42.092	ug/l	98
20) Methylene Chloride	2.83	84	493542	41.575	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	466240	42.424	ug/l	95
22) Diisopropyl ether	3.83	45	1733123	42.271	ug/l	93
23) Vinyl Acetate	3.79	43	7427851	200.093	ug/l	98
24) 1,1-Dichloroethane	3.67	63	887781	41.125	ug/l	99
25) 2-Butanone	4.64	43	2024638	198.086	ug/l	100
26) 2,2-Dichloropropane	4.56	77	660850	37.296	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	600050	47.193	ug/l	95
28) Bromochloromethane	4.98	49	441034	42.791	ug/l	93
29) Tetrahydrofuran	5.09	42	1309657	199.314	ug/l	98
30) Chloroform	5.18	83	895587	43.121	ug/l	94
31) Cyclohexane	5.55	56	774986	41.384	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	804463	42.800	ug/l	99
36) 1,1-Dichloropropene	5.78	75	655503	45.847	ug/l	98
37) Ethyl Acetate	4.79	43	809421	43.479	ug/l	99
38) Carbon Tetrachloride	5.75	117	706932	45.650	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	772591	46.866	ug/l	96
40) Benzene	6.12	78	1940859	46.342	ug/l	98
41) Methacrylonitrile	5.01	41	449993	43.543	ug/l	97
42) 1,2-Dichloroethane	6.17	62	740254	44.003	ug/l	98
43) Isopropyl Acetate	6.42	43	1336828	42.538	ug/l	99
44) Trichloroethene	7.19	130	592238	51.850	ug/l	91
45) 1,2-Dichloropropane	7.49	63	522194	45.578	ug/l	99
46) Dibromomethane	7.64	93	341305	45.413	ug/l	90
47) Bromodichloromethane	7.88	83	723857	45.201	ug/l	99
48) Methyl methacrylate	7.75	41	670597	42.721	ug/l	96
49) 1,4-Dioxane	7.72	88	256830	877.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4005330	224.891	ug/l	99
52) Toluene	8.77	92	1258399	48.735	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	791431	42.138	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	849464	44.399	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	510364	48.243	ug/l	97
56) Ethyl methacrylate	9.16	69	842319	45.179	ug/l	96
57) 1,3-Dichloropropane	9.36	76	876828	46.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2097812	231.327	ug/l	97
59) 2-Hexanone	9.48	43	3016010	224.302	ug/l	98
60) Dibromochloromethane	9.57	129	615895	48.450	ug/l	100
61) 1,2-Dibromoethane	9.65	107	547528	47.599	ug/l	100
64) Tetrachloroethene	9.32	164	558380	51.818	ug/l	96
65) Chlorobenzene	10.12	112	1393458	48.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	548488	48.213	ug/l	99
67) Ethyl Benzene	10.24	91	2432262	48.159	ug/l	98
68) m/p-Xylenes	10.34	106	1854665	98.619	ug/l	97
69) o-Xylene	10.68	106	904064	48.648	ug/l	97
70) Styrene	10.70	104	1596497	48.820	ug/l	98
71) Bromoform	10.84	173	497896	48.076	ug/l #	99
73) Isopropylbenzene	11.00	105	2449397	47.240	ug/l	99
74) N-amyl acetate	10.88	43	1165664	40.421	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	783503	44.038	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	711880m	43.746	ug/l	
77) Bromobenzene	11.24	156	678379	49.050	ug/l	90
78) n-propylbenzene	11.34	91	2744237	46.286	ug/l	99
79) 2-Chlorotoluene	11.40	91	1649654	45.395	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2068281	46.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	253530	37.383	ug/l	99
82) 4-Chlorotoluene	11.49	91	1928567	45.270	ug/l	98
83) tert-Butylbenzene	11.76	119	2052195	47.446	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2108176	46.719	ug/l	99
85) sec-Butylbenzene	11.93	105	2401905	48.015	ug/l	100
86) p-Isopropyltoluene	12.05	119	2266420	48.803	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1211760	48.942	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1211207	48.027	ug/l	99
89) n-Butylbenzene	12.37	91	1969198	46.923	ug/l	98
90) Hexachloroethane	12.58	117	391817	43.348	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1186433	48.965	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	187695	37.378	ug/l	86

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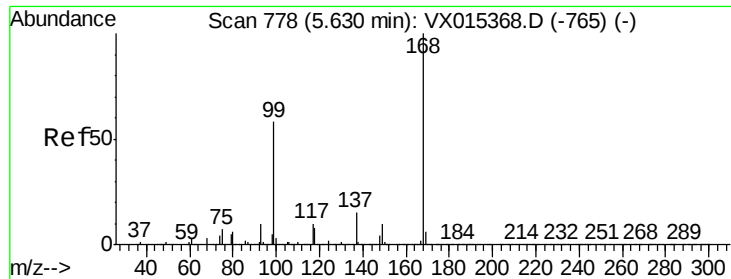
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	956056	49.883	ug/l	97
94) Hexachlorobutadiene	13.77	225	468026	51.290	ug/l	99
95) Naphthalene	13.82	128	2752770	47.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	946038	51.268	ug/l	97

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



#1

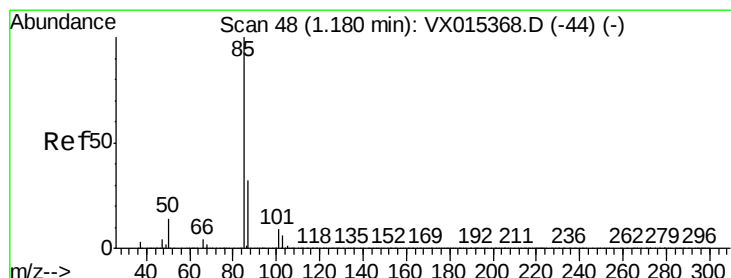
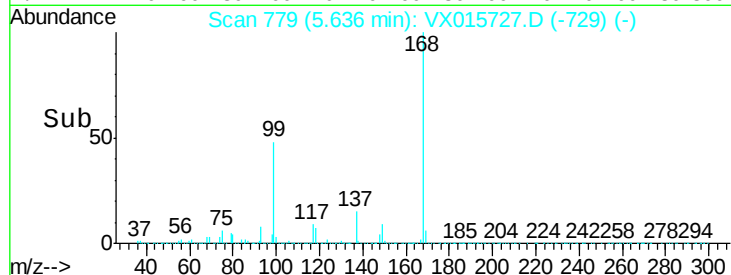
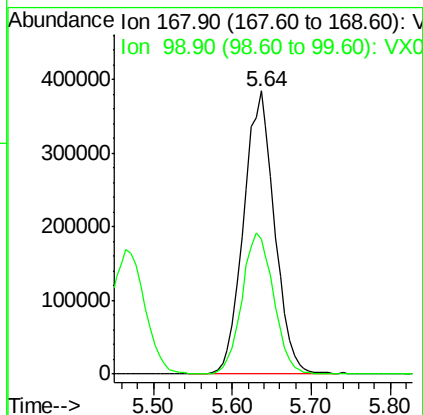
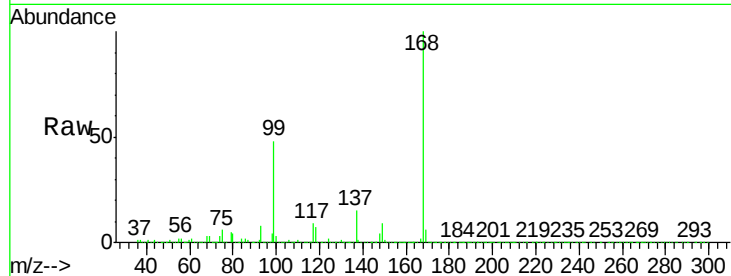
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
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 ClientSampleId :
 SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.5	46.4	69.6

Manual Integrations
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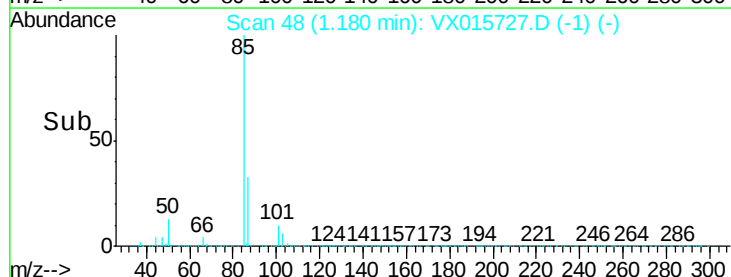
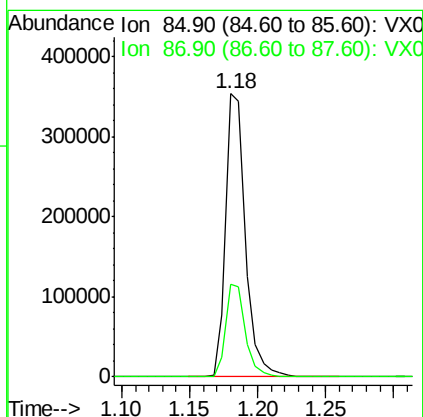
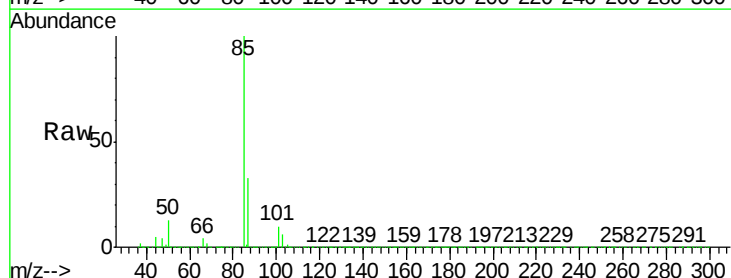
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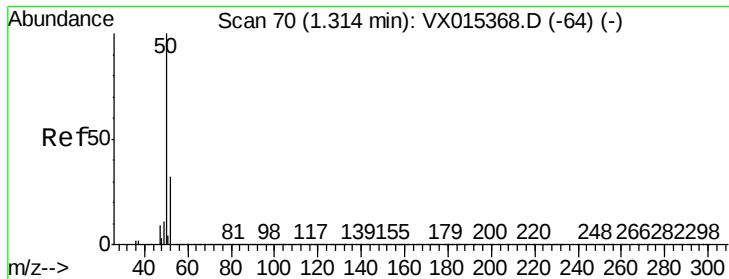


#2

Dichlorodifluoromethane
 Concen: 38.673 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.0	47.9





#3

Chloromethane

Concen: 37.797 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 50 Resp: 444799

Ion Ratio Lower Upper

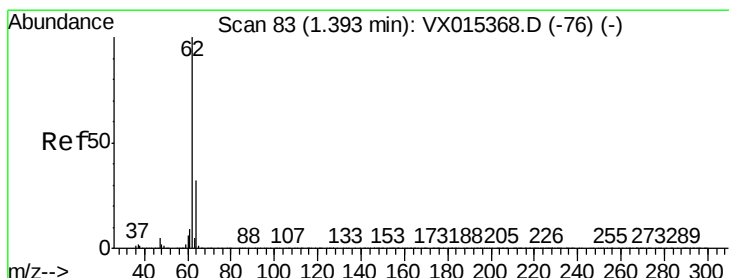
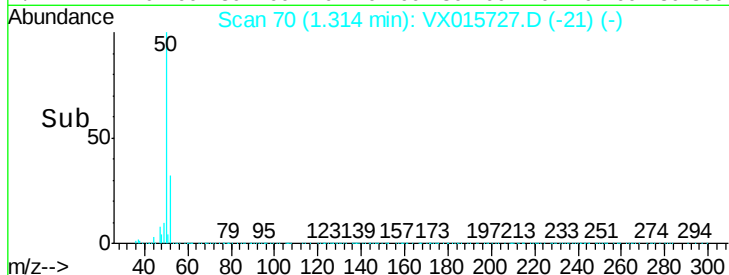
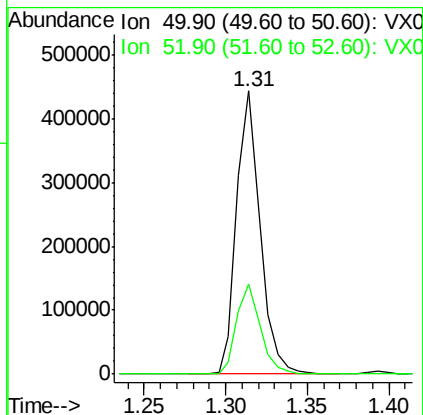
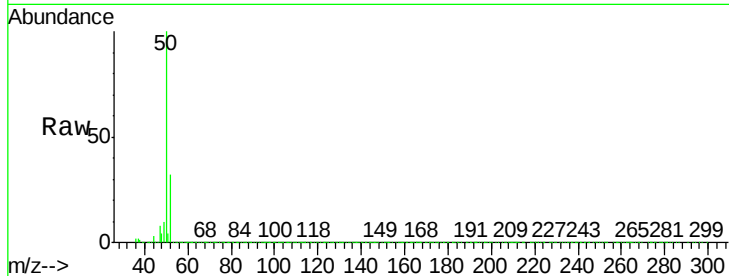
50 100

52 31.5 25.3 37.9

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#4

Vinyl Chloride

Concen: 42.291 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015727.D

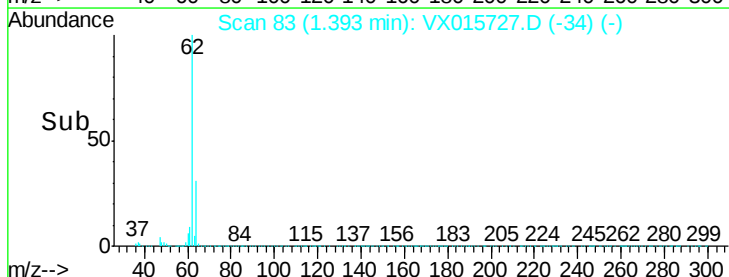
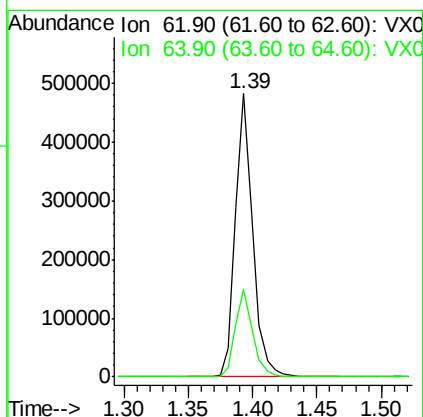
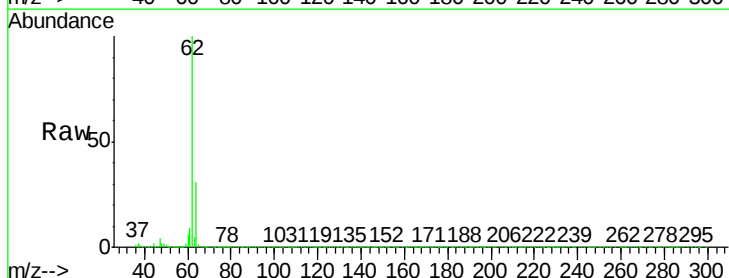
Acq: 16 Apr 2020 20:54

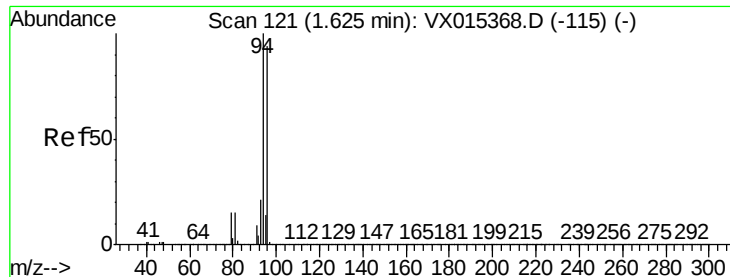
Tgt Ion: 62 Resp: 456981

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0





#5

Bromomethane

Concen: 48.129 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

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Tot Ion: 94 Resp: 241239

Ion Ratio Lower Upper

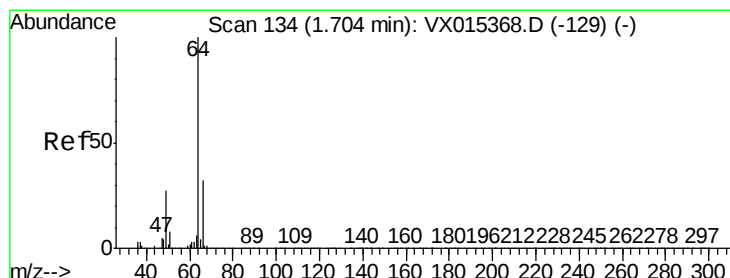
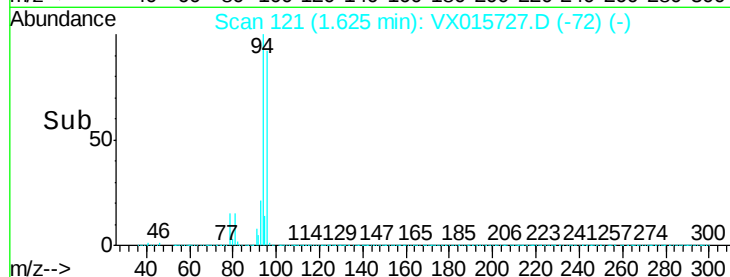
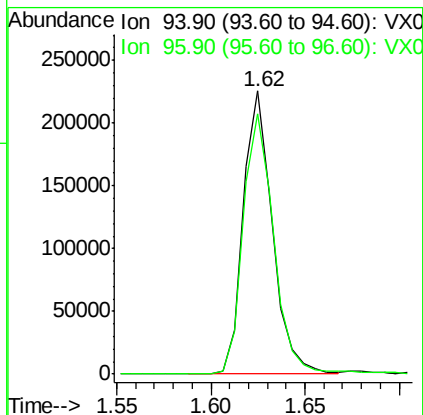
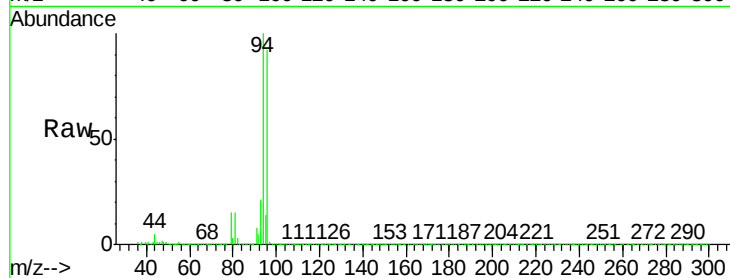
94 100

96 91.7 74.8 112.2

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#6

Chloroethane

Concen: 43.078 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015727.D

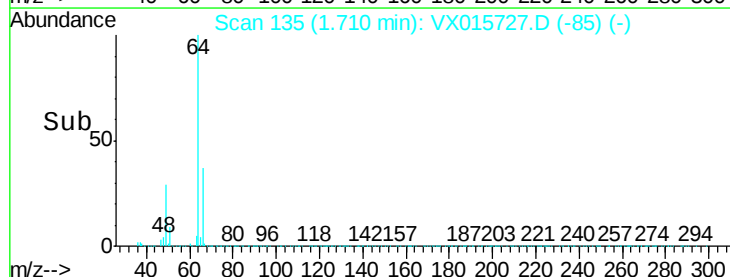
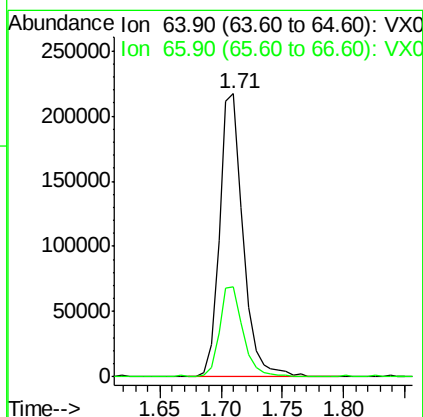
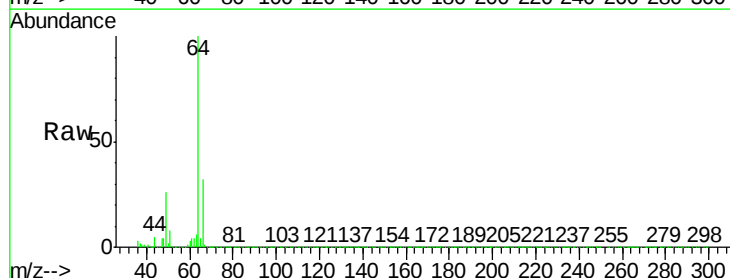
Acq: 16 Apr 2020 20:54

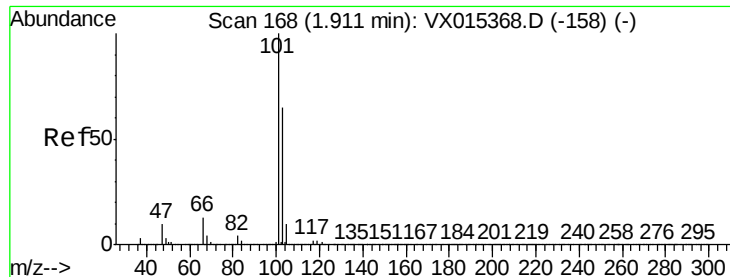
Tgt Ion: 64 Resp: 288694

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2





#7

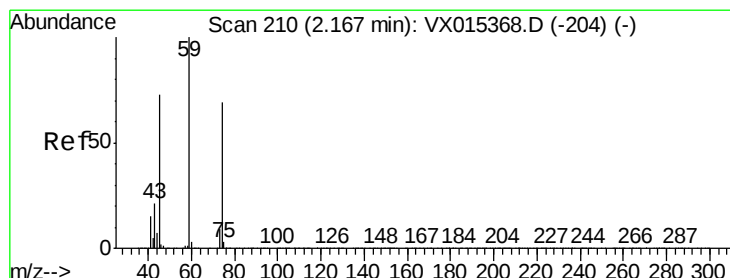
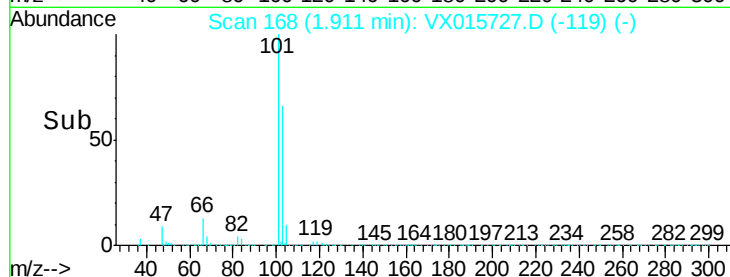
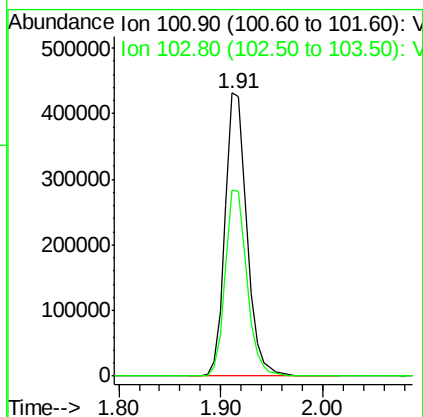
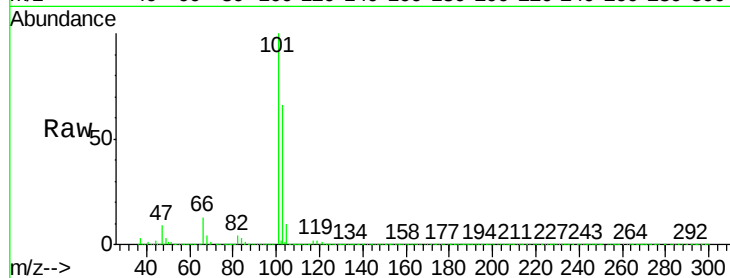
Trichlorofluoromethane
Concen: 44.043 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.3	78.5

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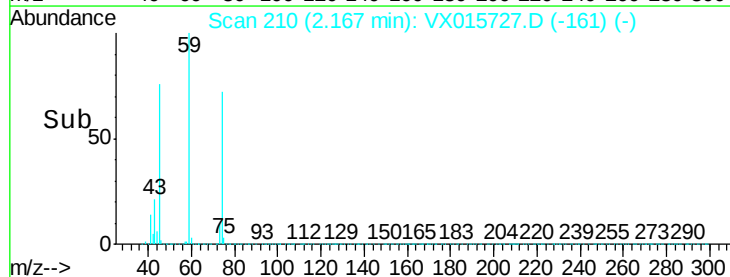
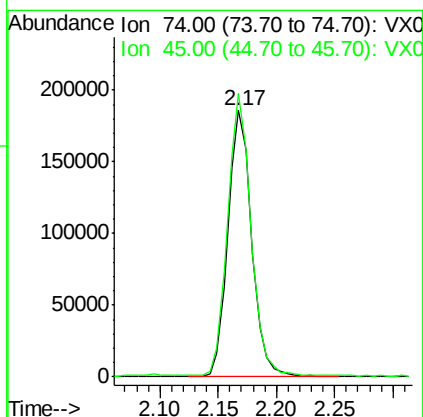
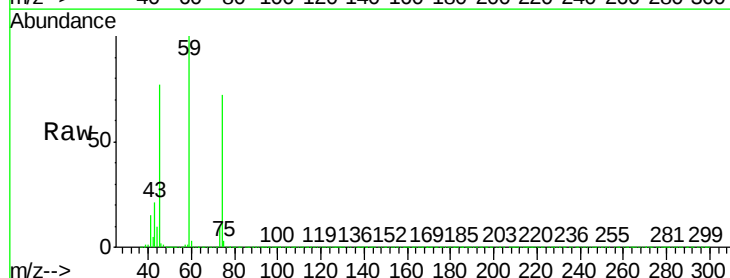
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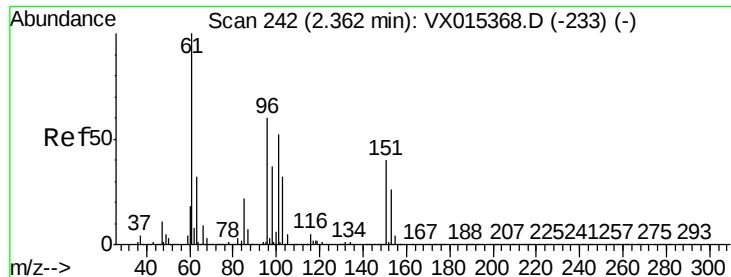


#8

Diethyl Ether
Concen: 42.811 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.204 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

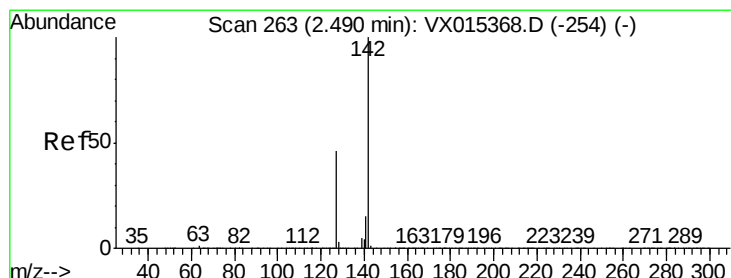
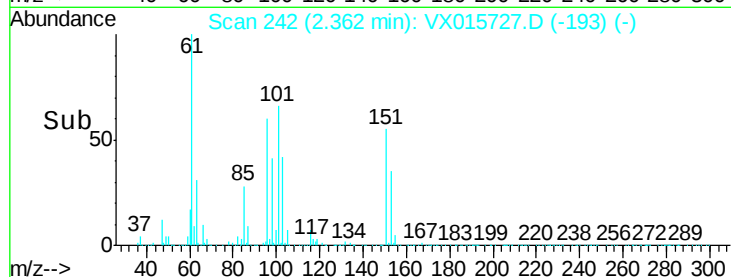
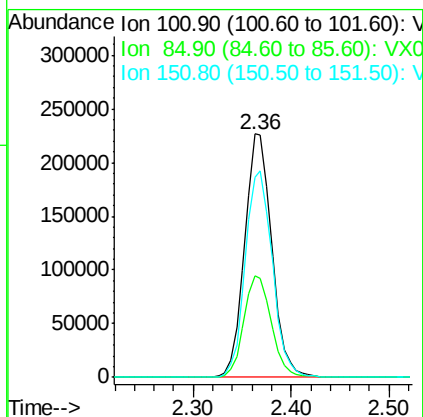
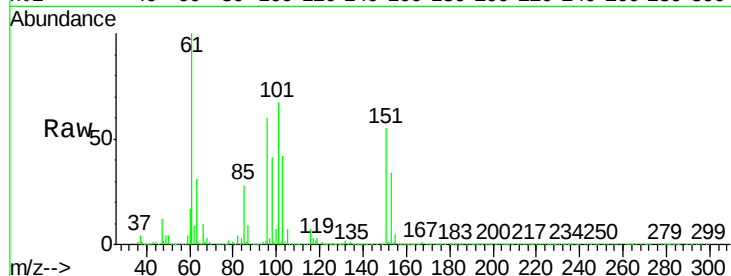
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	101	Resp:	436488
Ion Ratio	Lower	Upper	
101	100		
85	42.4	35.0	52.4
151	84.8	64.1	96.1

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#10

Methyl Iodide

Concen: 37.933 ug/l

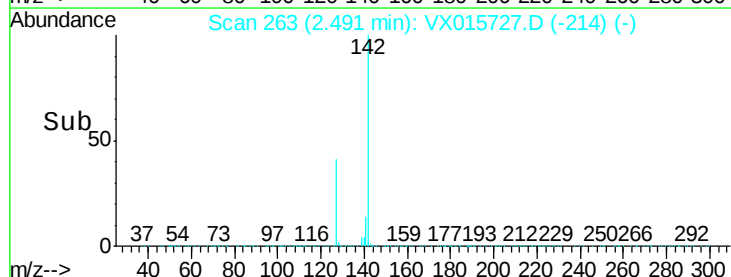
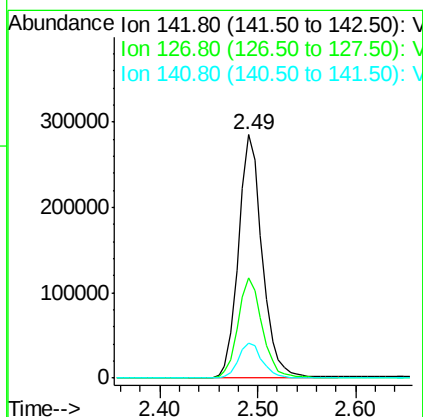
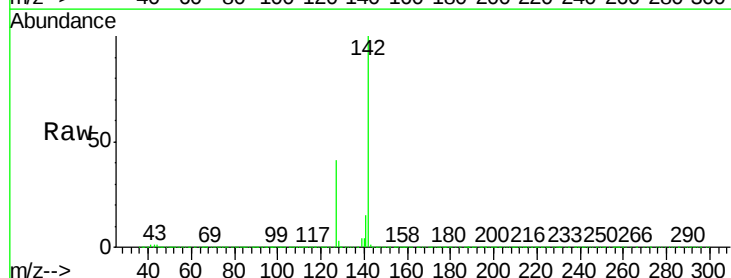
RT: 2.49 min Scan# 263

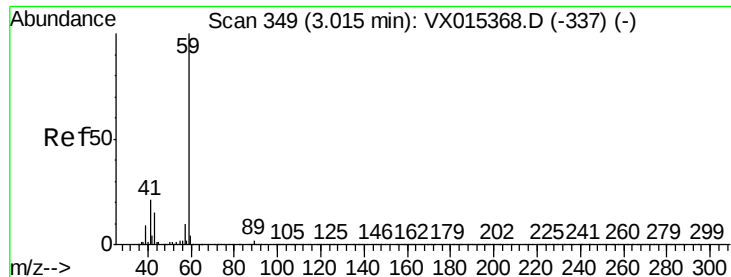
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	142	Resp:	483153
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.9	53.9
141	14.5	11.6	17.4





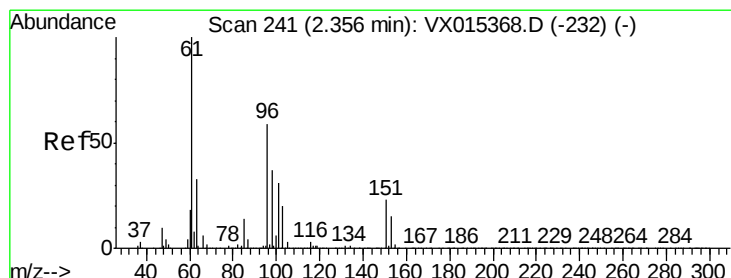
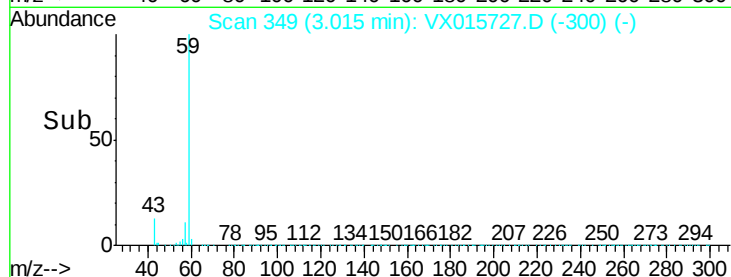
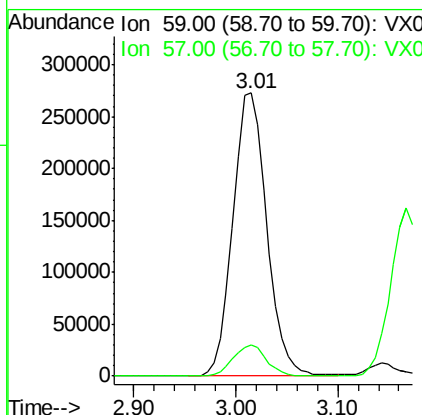
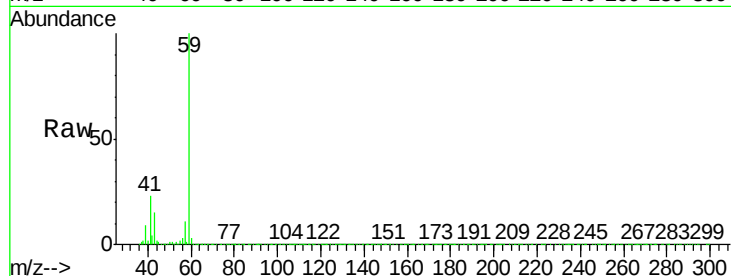
#11
Tert butyl alcohol
Concen: 176.519 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.1	12.1

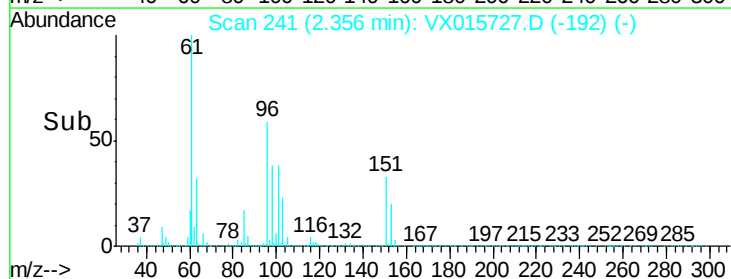
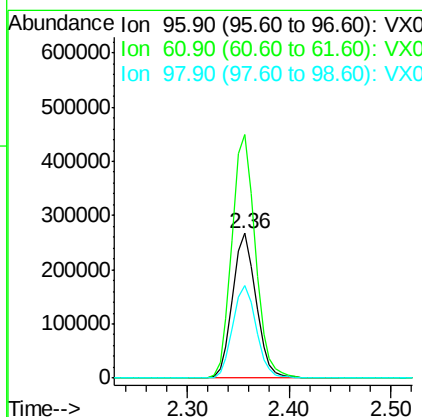
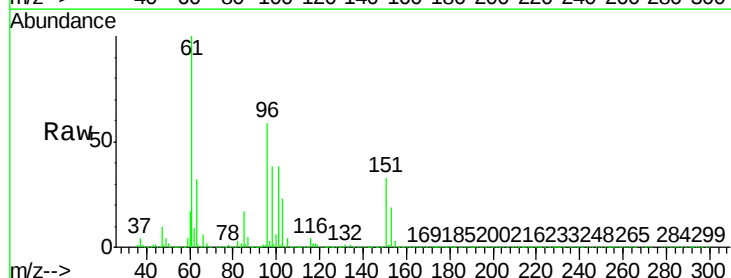
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 42.486 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	135.7	203.5
98	64.3	50.6	75.8





#13

Acrolein

Concen: 283.925 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 56 Resp: 572683

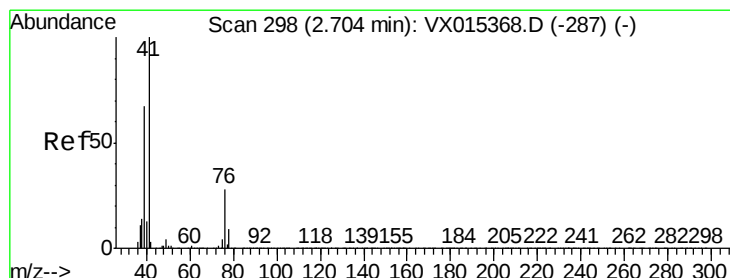
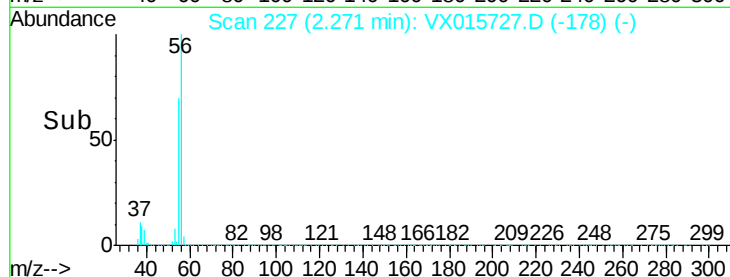
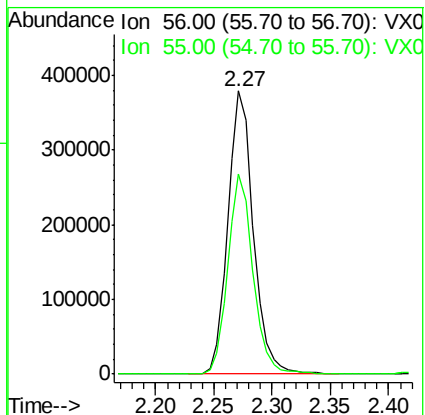
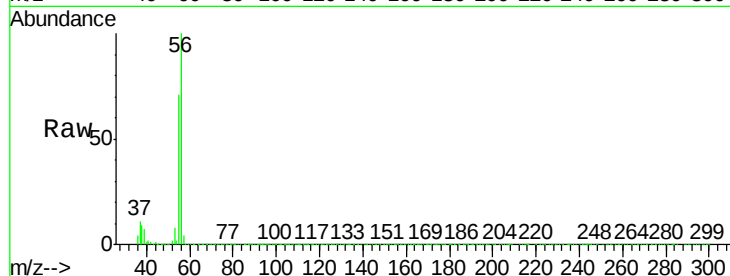
Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4

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#14

Allyl chloride

Concen: 38.243 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

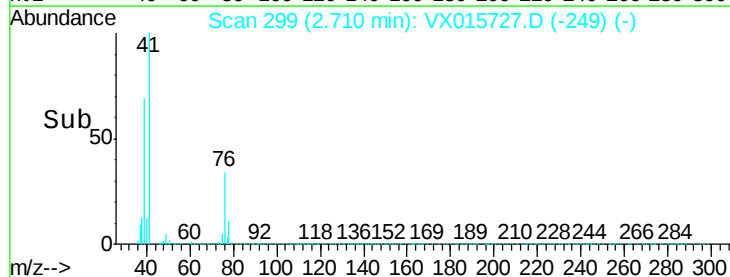
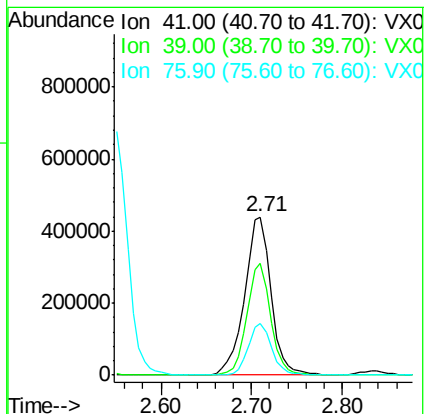
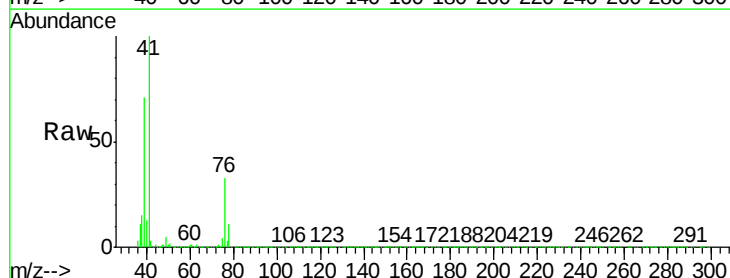
Tgt Ion: 41 Resp: 884875

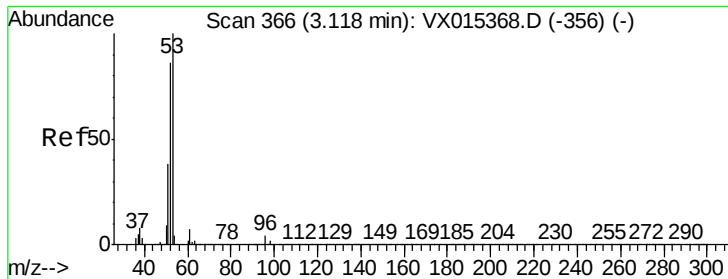
Ion Ratio Lower Upper

41 100

39 63.6 51.4 77.0

76 28.9 21.8 32.8





#15

Acrylonitrile

Concen: 207.382 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 53 Resp: 1400376

Ion Ratio Lower Upper

53 100

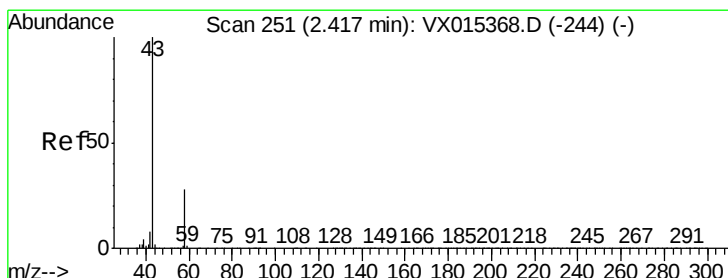
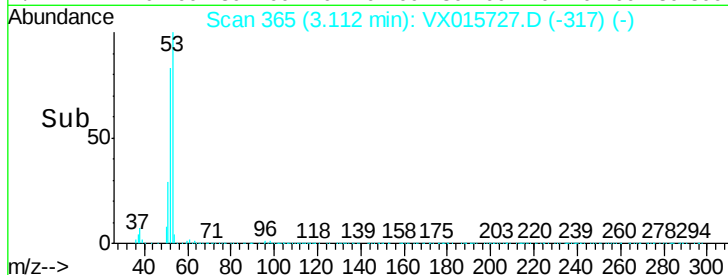
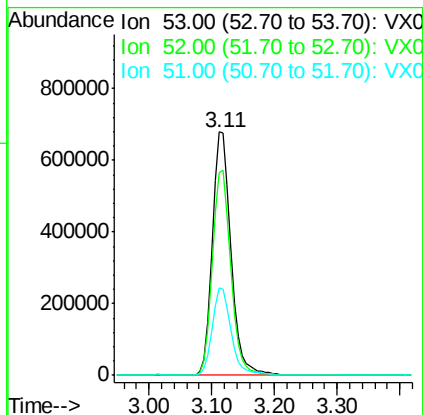
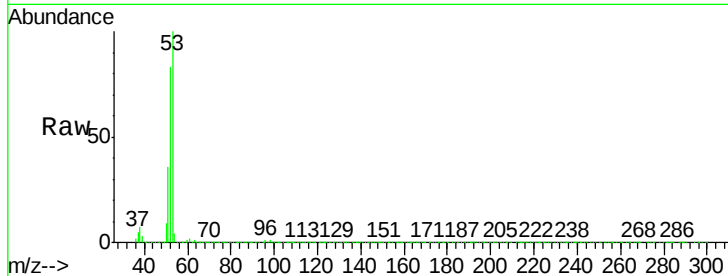
52 83.4 66.8 100.2

51 36.2 29.5 44.3

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#16

Acetone

Concen: 196.537 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015727.D

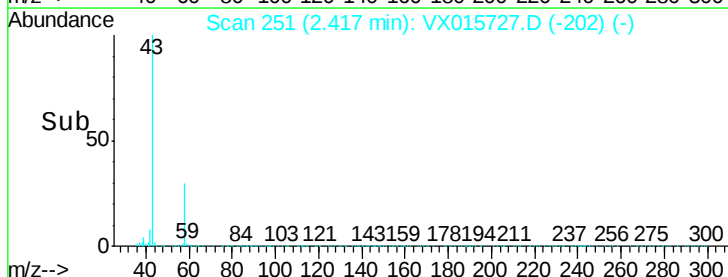
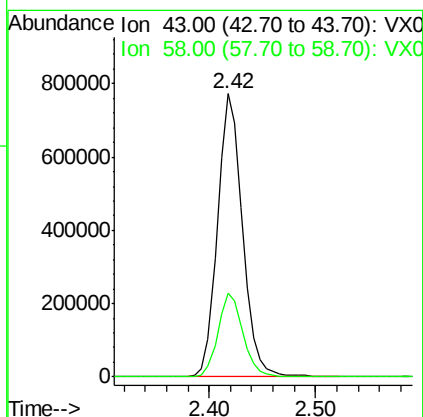
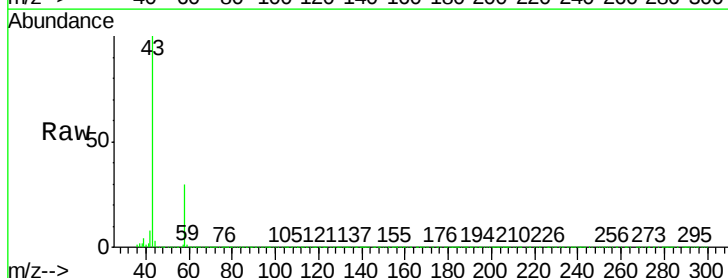
Acq: 16 Apr 2020 20:54

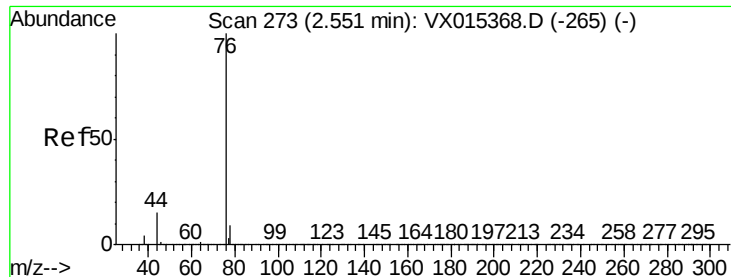
Tgt Ion: 43 Resp: 1249096

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1





#17

Carbon Disulfide

Concen: 36.475 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 76 Resp: 1101852

Ion Ratio Lower Upper

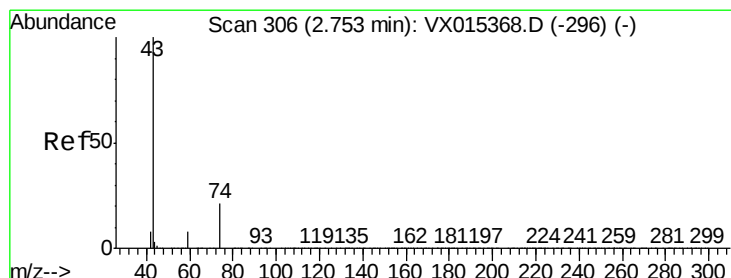
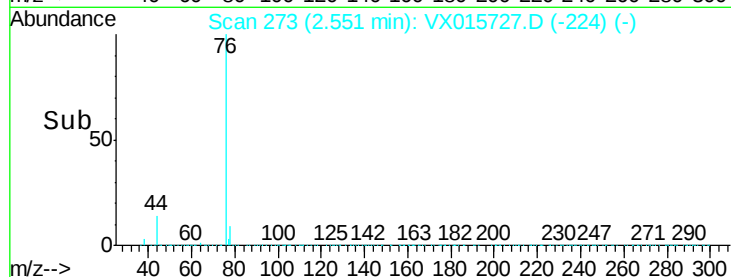
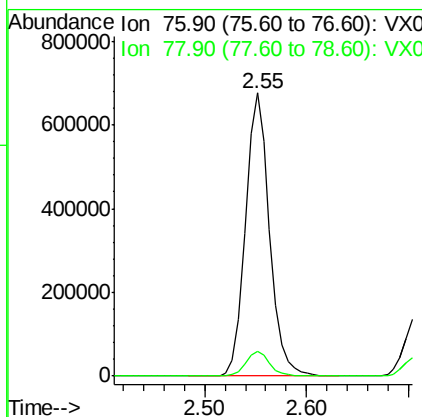
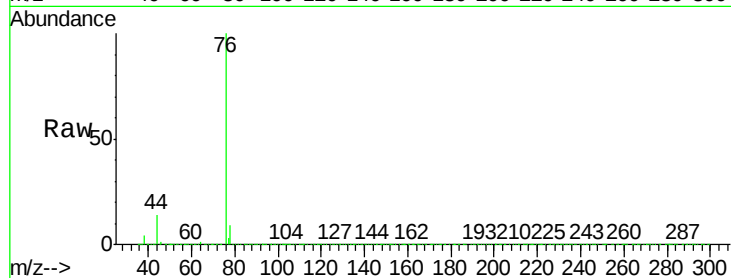
76 100

78 8.6 7.1 10.7

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#18

Methyl Acetate

Concen: 41.985 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015727.D

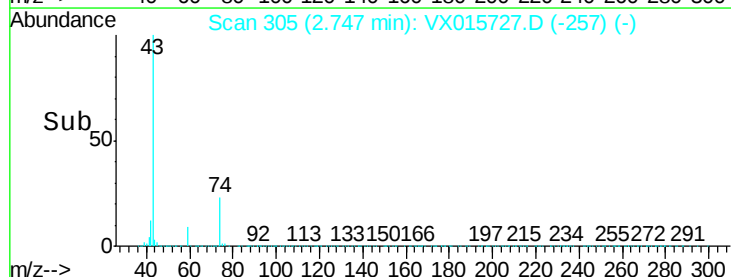
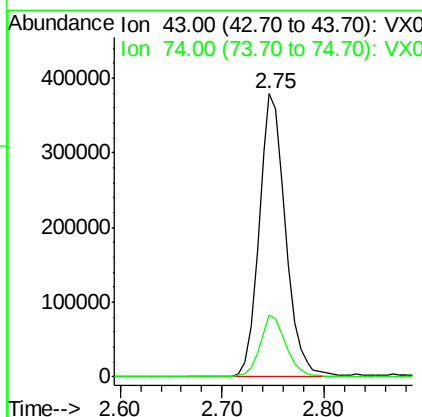
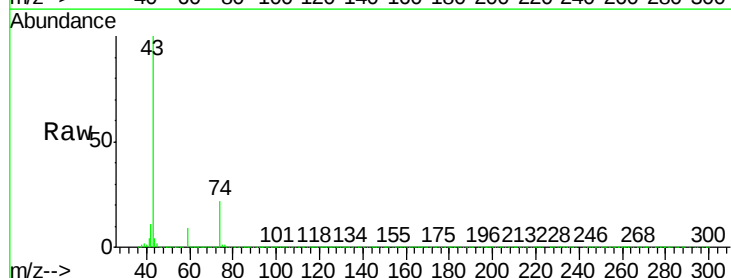
Acq: 16 Apr 2020 20:54

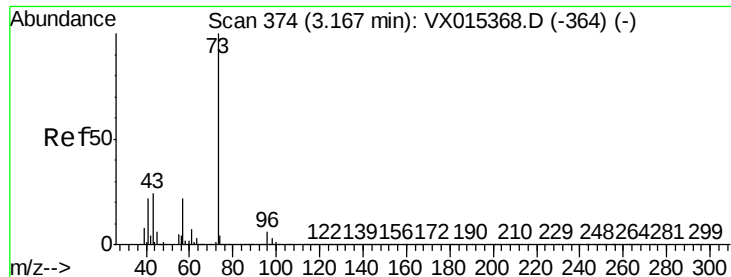
Tgt Ion: 43 Resp: 681042

Ion Ratio Lower Upper

43 100

74 22.0 16.5 24.7





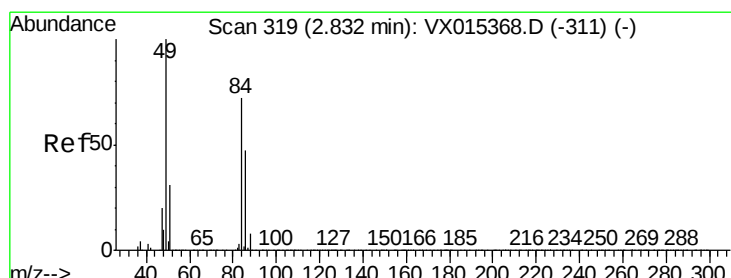
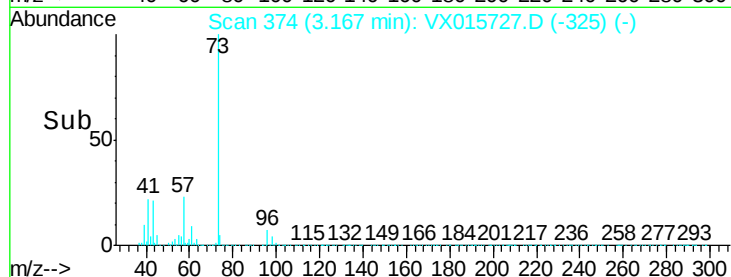
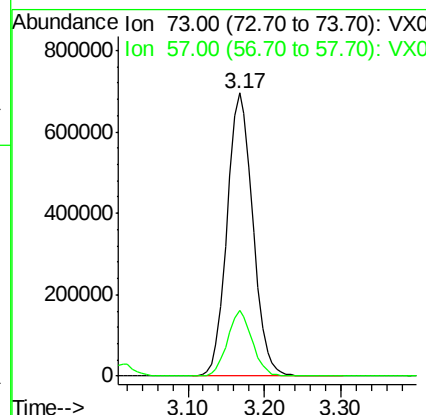
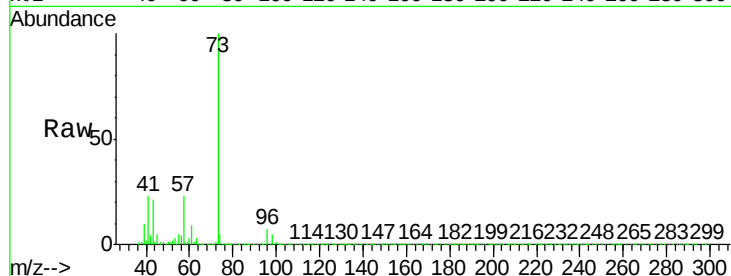
#19
Methvl tert-butvl Ether
Concen: 42.092 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion: 73 Resp: 1616583
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

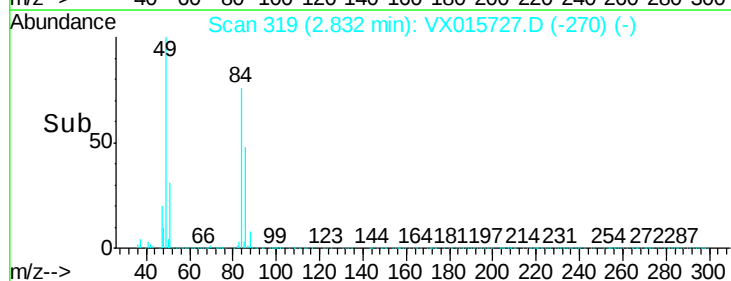
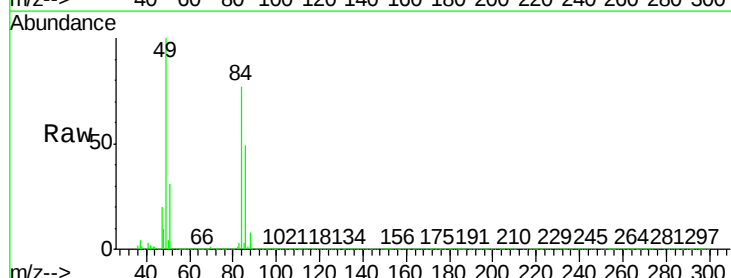
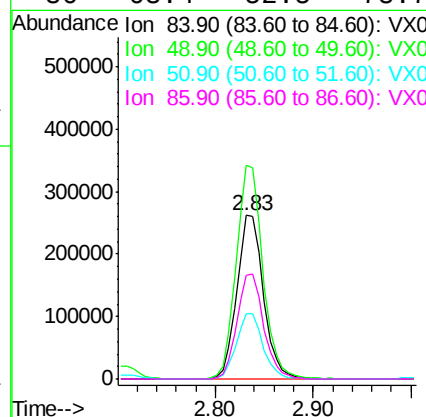
Manual Integrations
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#20
Methylene Chloride
Concen: 41.575 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 84 Resp: 493542
Ion Ratio Lower Upper
84 100
49 130.8 111.3 166.9
51 39.9 34.0 51.0
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.424 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

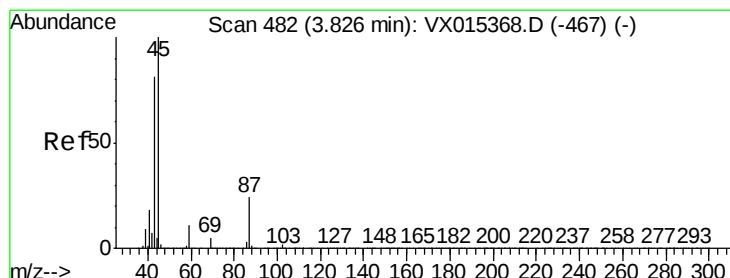
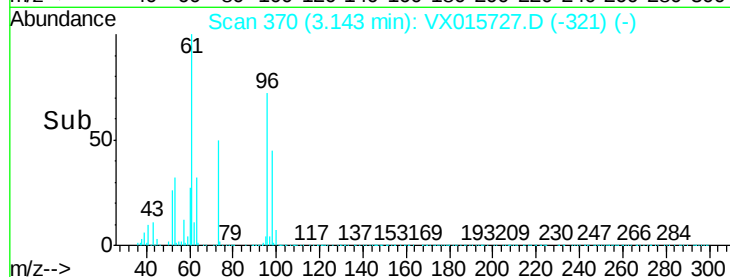
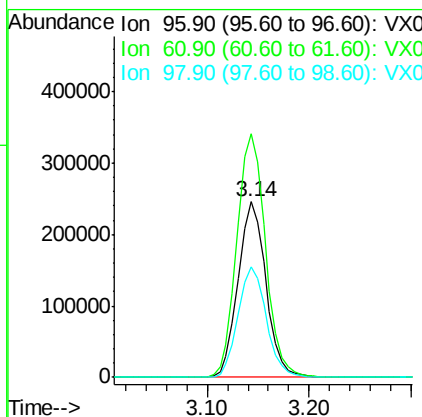
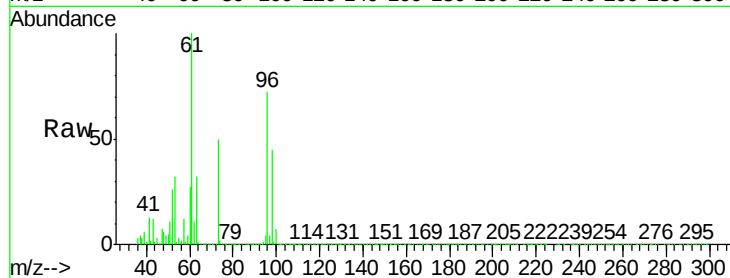
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	96	Resp:	466240
Ion Ratio	Lower	Upper	
96	100		
61	138.6	116.9	175.3
98	62.9	48.6	73.0

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#22

Diisopropyl ether

Concen: 42.271 ug/l

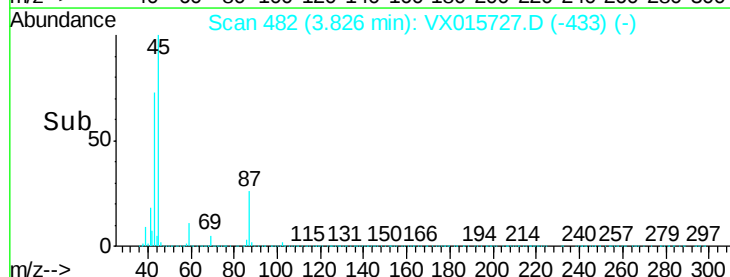
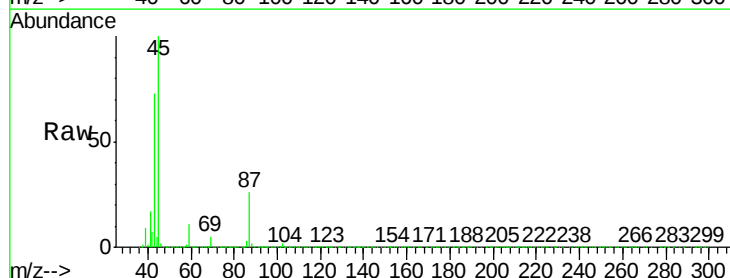
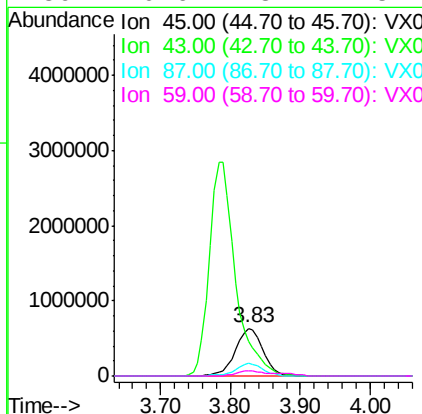
RT: 3.83 min Scan# 482

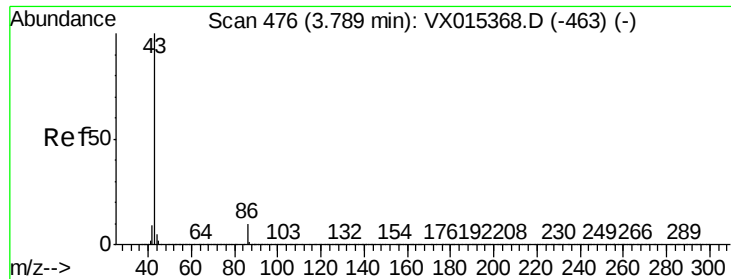
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	45	Resp:	1733123
Ion Ratio	Lower	Upper	
45	100		
43	73.0	64.7	97.1
87	25.6	19.4	29.0
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 200.093 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 43 Resp: 7427851

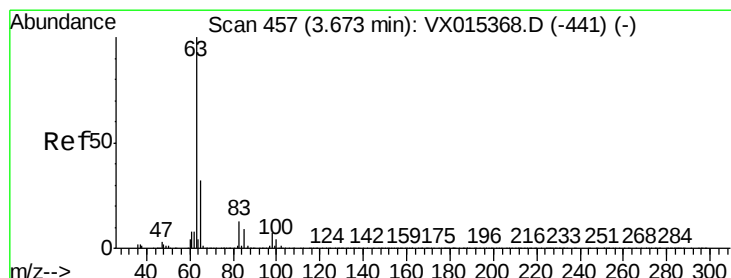
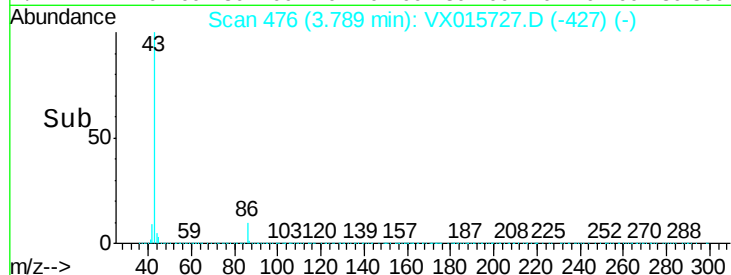
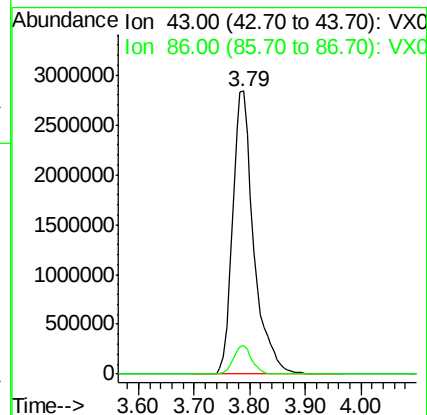
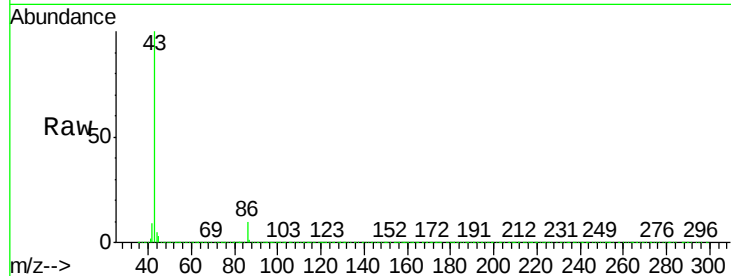
Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 41.125 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

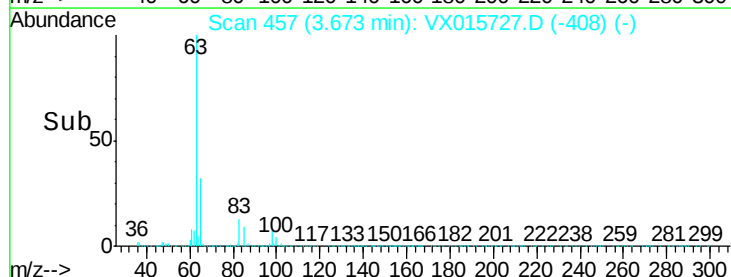
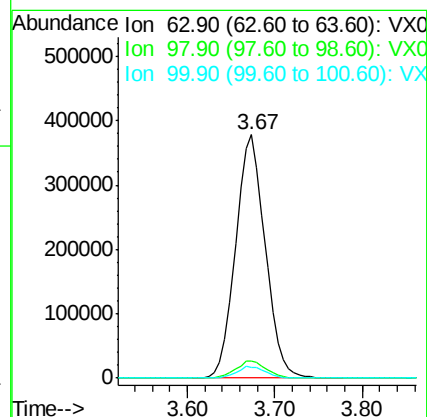
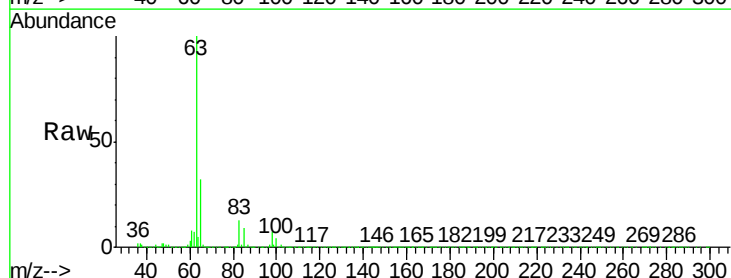
Tgt Ion: 63 Resp: 887781

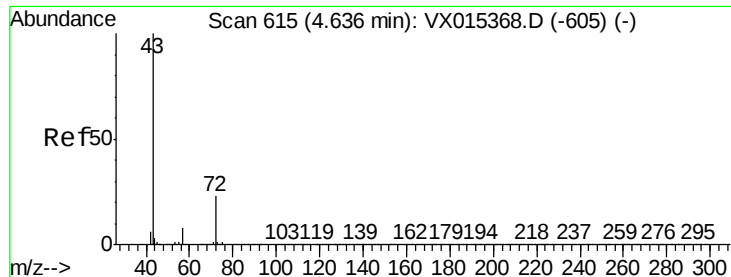
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 198.086 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tot Ion: 43 Resp: 2024638

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

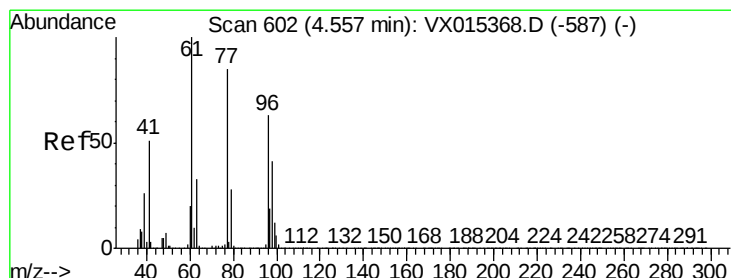
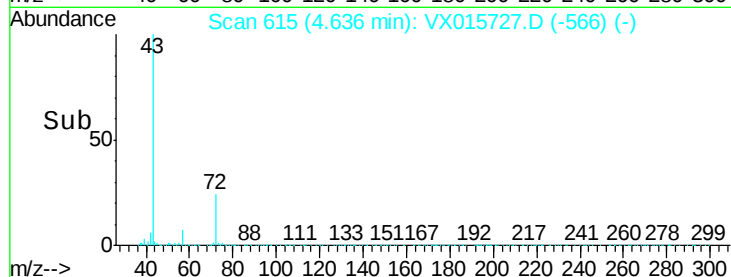
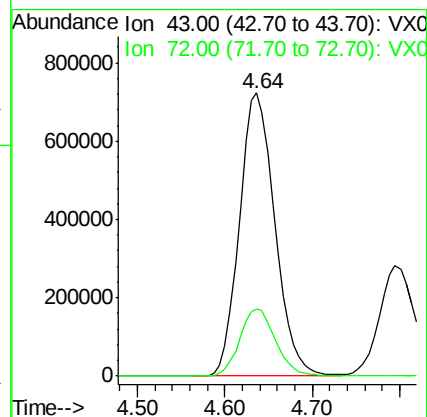
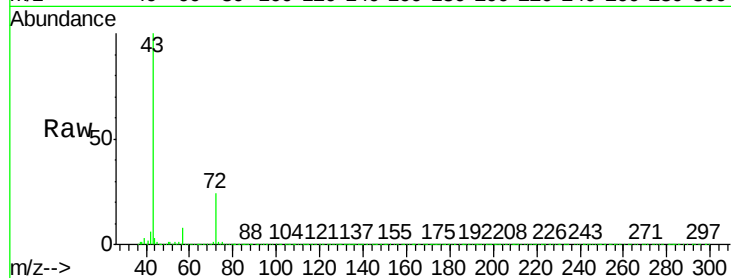
SS042MW032-200413MSD

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#26

2,2-Dichloropropane

Concen: 37.296 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015727.D

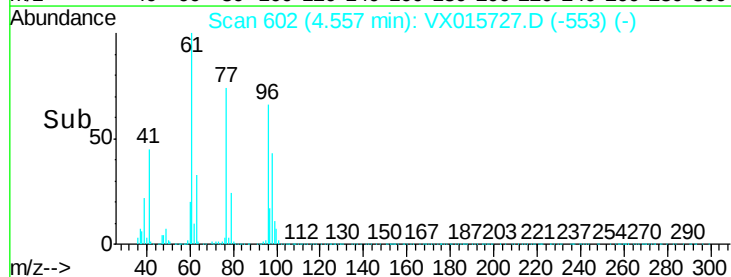
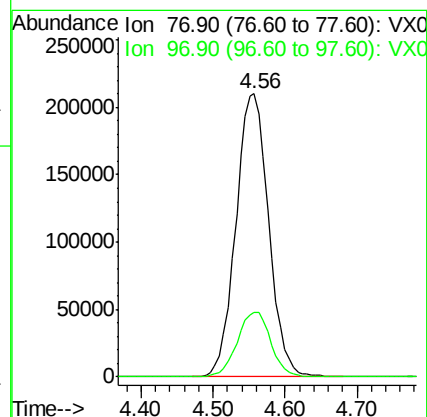
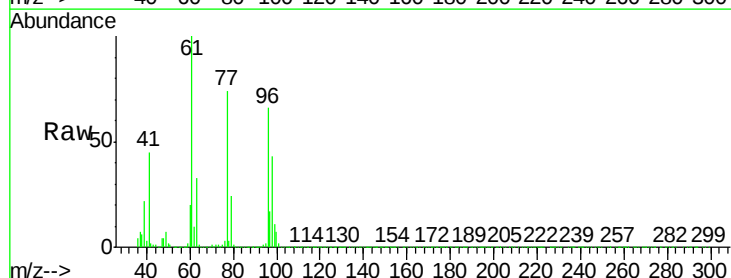
Acq: 16 Apr 2020 20:54

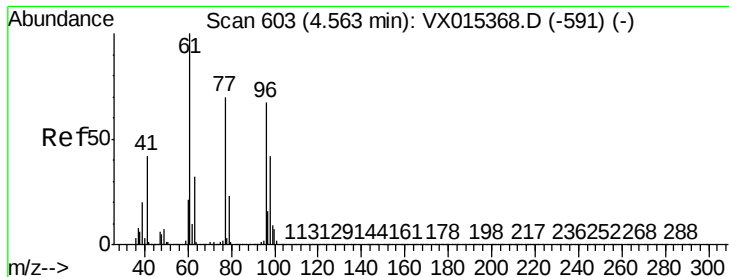
Tgt Ion: 77 Resp: 660850

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

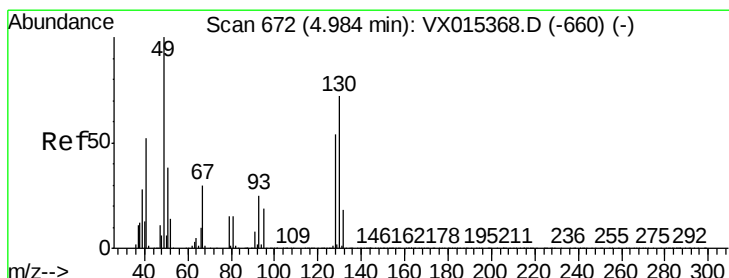
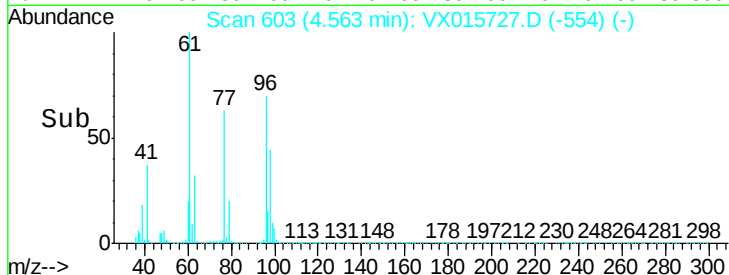
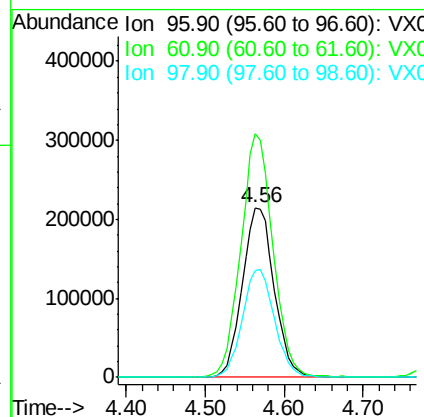
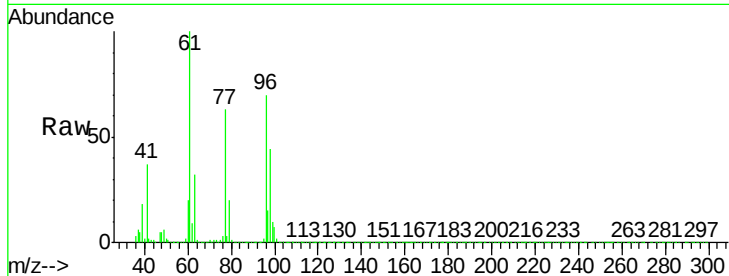
cis-1,2-Dichloroethene
Concen: 47.193 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	600050		
61	144.9	0.0	308.4	
98	64.7	0.0	129.2	

Manual Integrations
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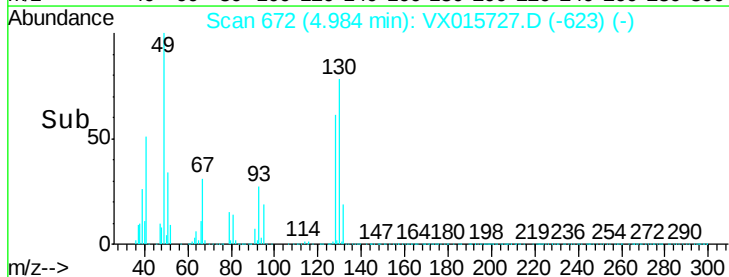
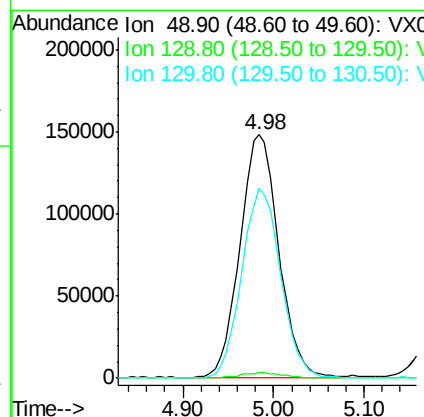
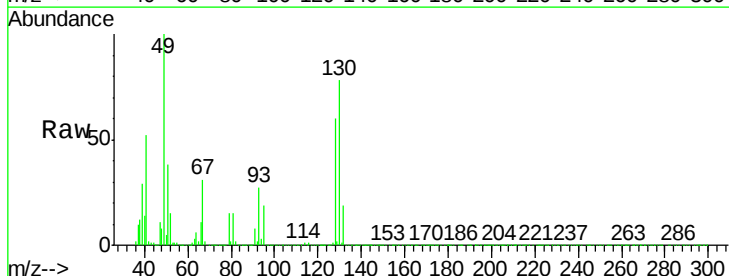
MMDadoda
4/17/2020 11:55:14 AM

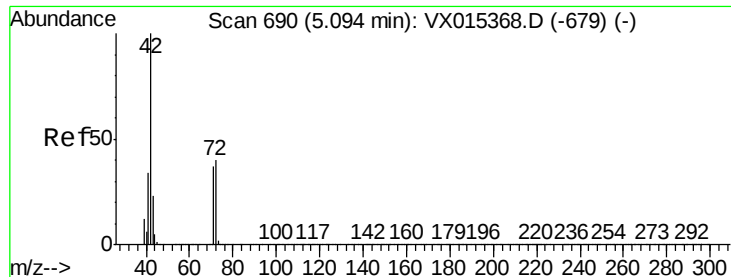


#28

Bromochloromethane
Concen: 42.791 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	441034		
129	2.5	0.0	4.4	
130	77.8	57.7	86.5	





#29

Tetrahydrofuran

Concen: 199.314 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

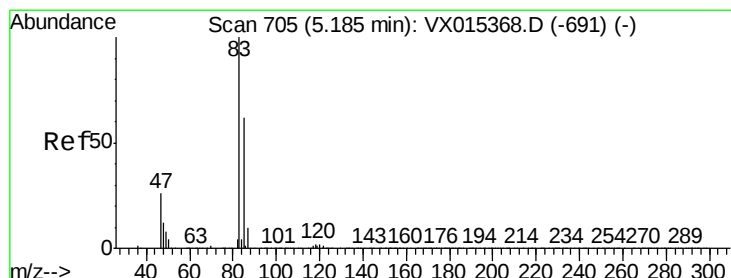
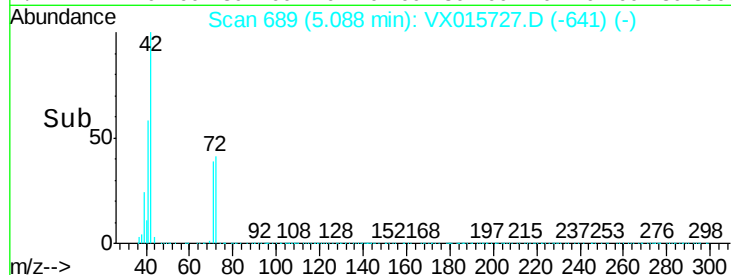
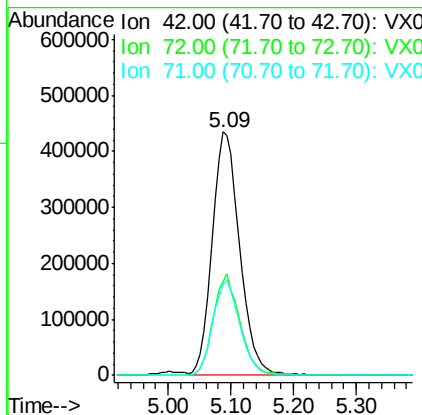
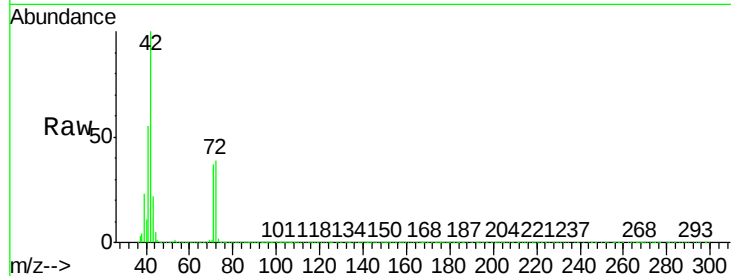
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	42	Resp:	1309657
Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.7	47.5
71	38.3	29.6	44.4

Manual Integrations
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#30

Chloroform

Concen: 43.121 ug/l

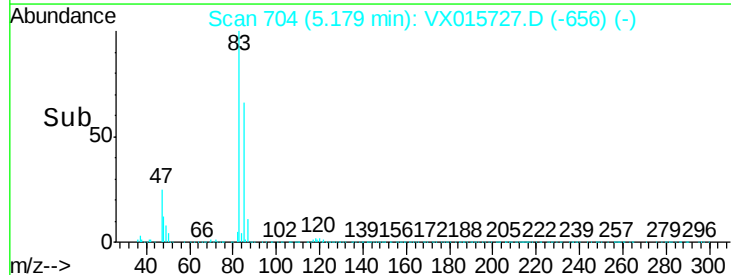
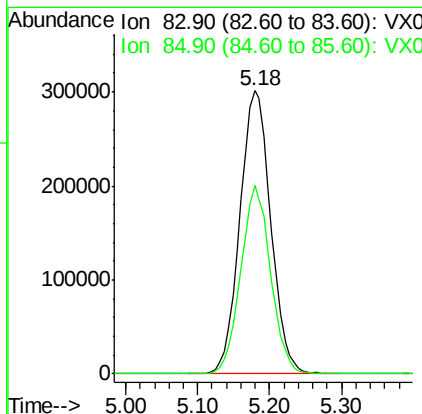
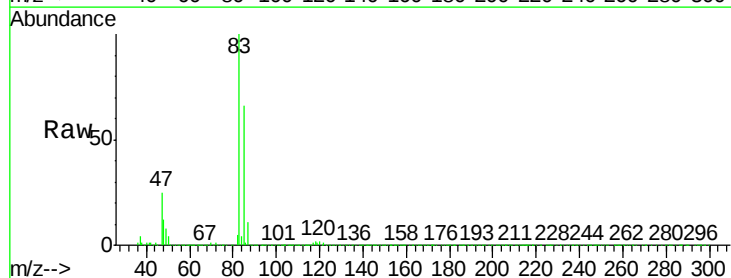
RT: 5.18 min Scan# 704

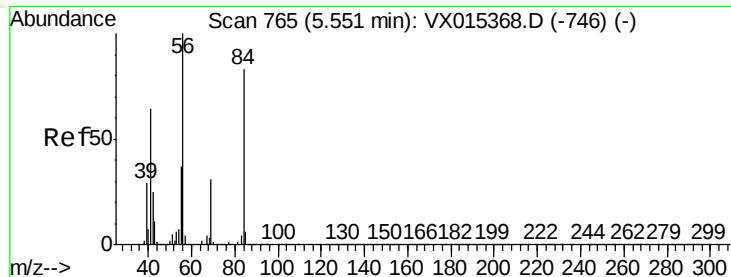
Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	83	Resp:	895587
Ion	Ratio	Lower	Upper
83	100		
85	66.4	49.5	74.3





#31

Cyclohexane

Concen: 41.384 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

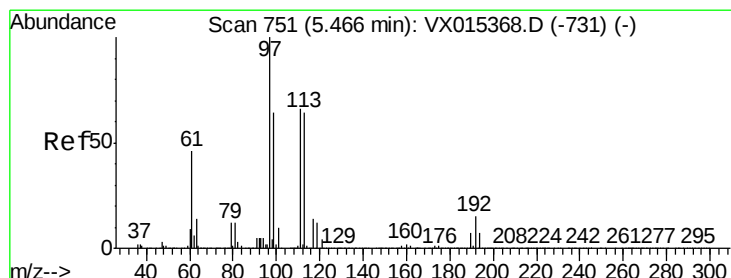
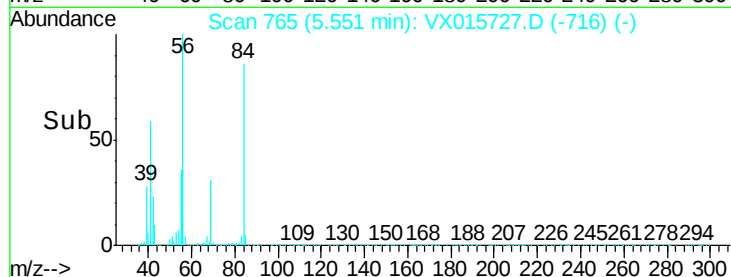
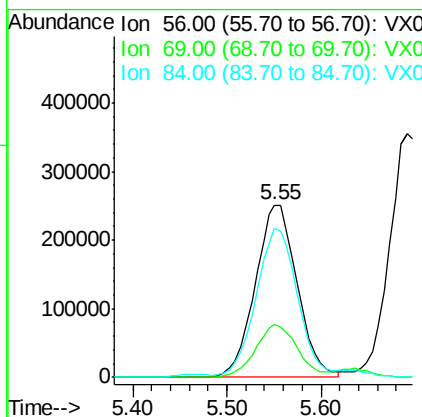
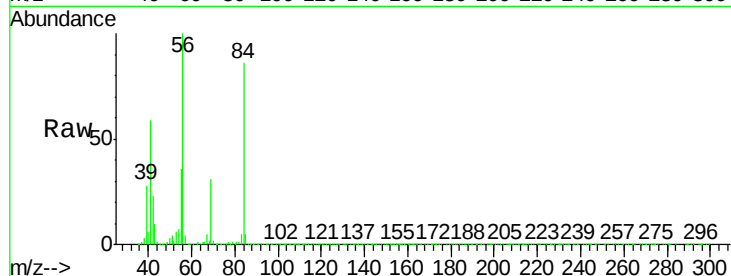
ClientSampleId :

SS042MW032-200413MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.5	24.6	36.8	
84	84.7	66.1	99.1	

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#32

1,1,1-Trichloroethane

Concen: 42.800 ug/l

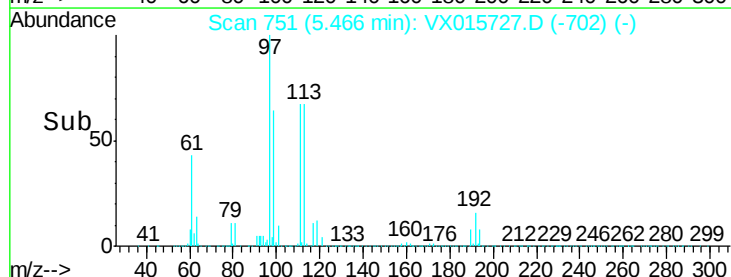
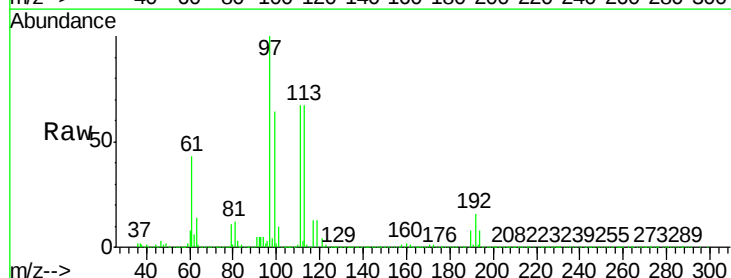
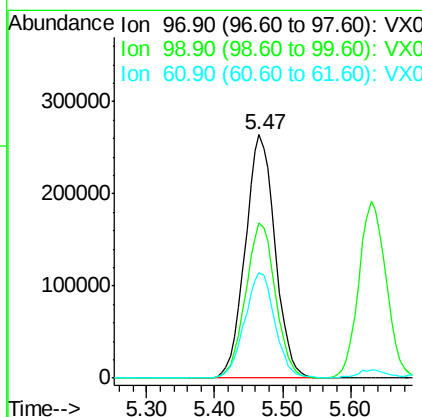
RT: 5.47 min Scan# 751

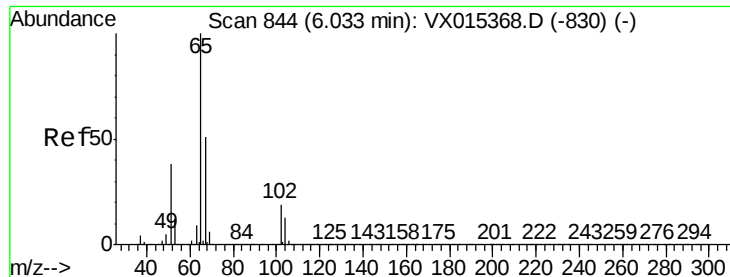
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.8	51.0	76.4	
61	43.5	36.1	54.1	





#33

1,2-Dichloroethane-d4

Concen: 42.106 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 65 Resp: 622880

Ion Ratio Lower Upper

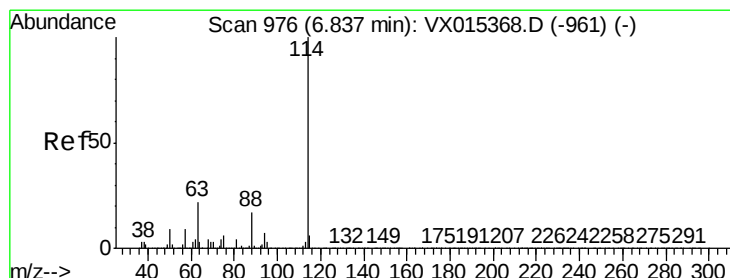
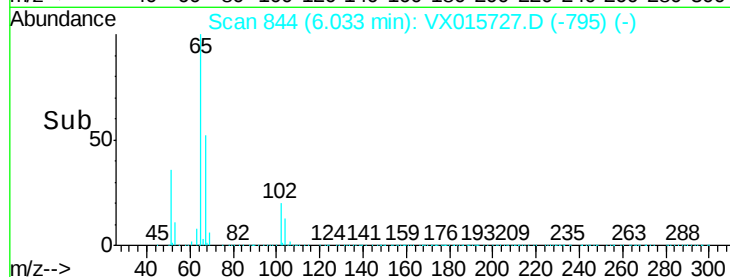
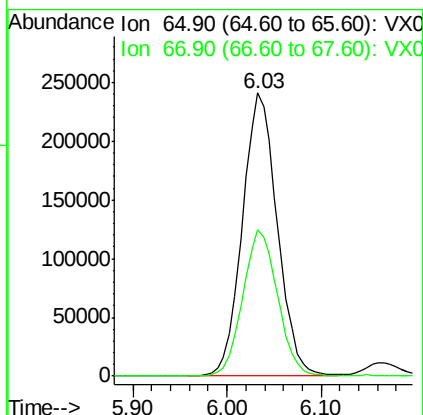
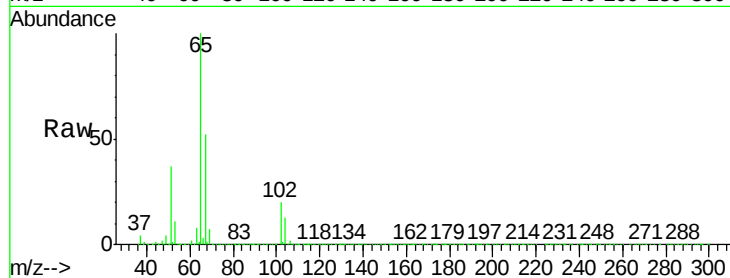
65 100

67 51.7 0.0 102.6

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

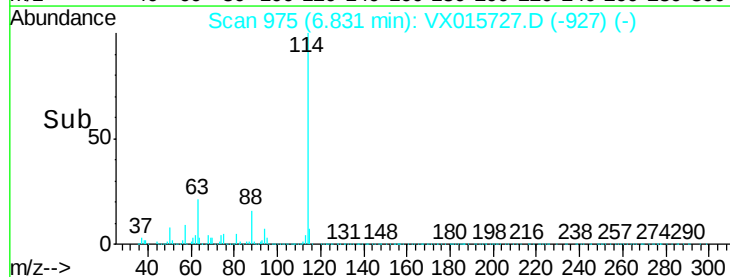
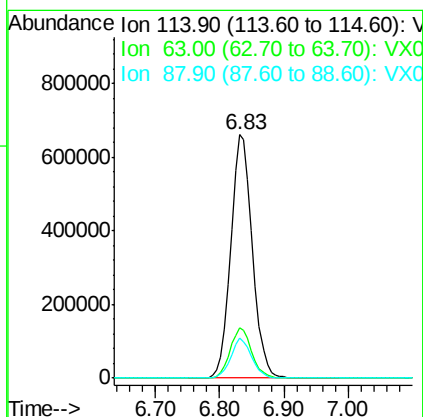
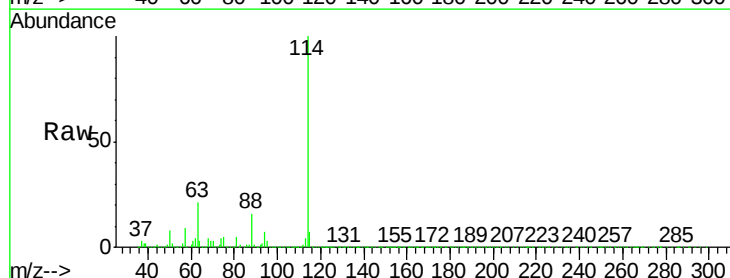
Tgt Ion: 114 Resp: 1551744

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 16.3 0.0 33.8





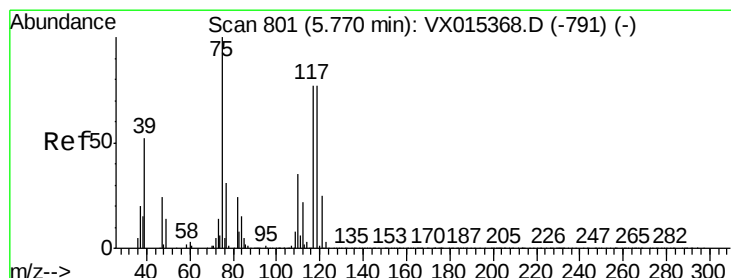
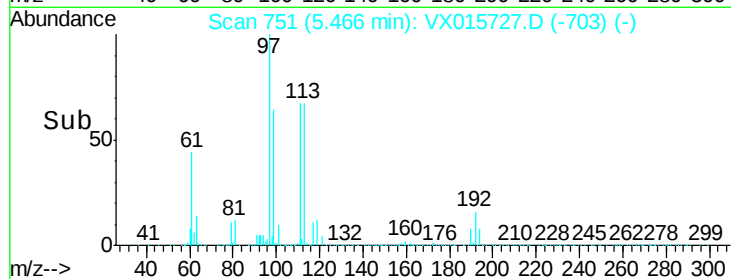
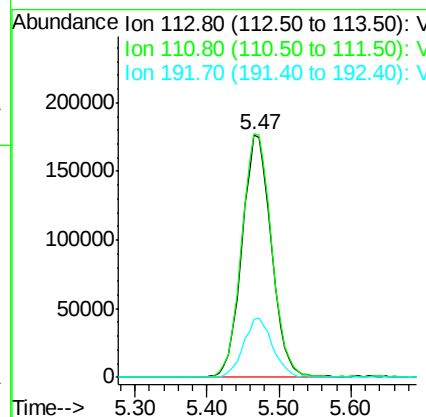
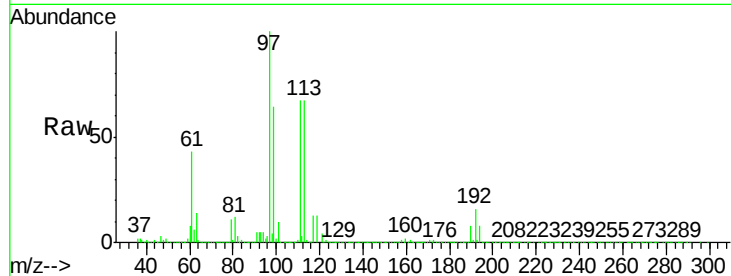
#35
 Dibromofluoromethane
 Concen: 50.277 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	498708		
111	103.1	81.5	122.3	
192	24.6	17.8	26.6	

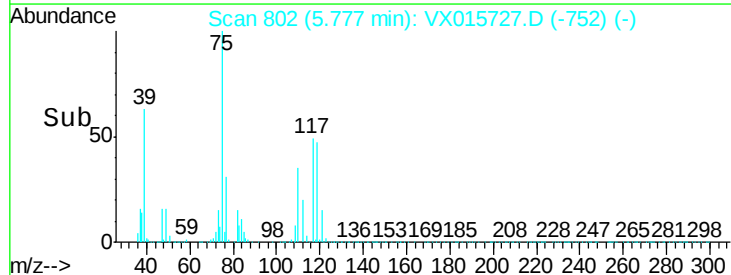
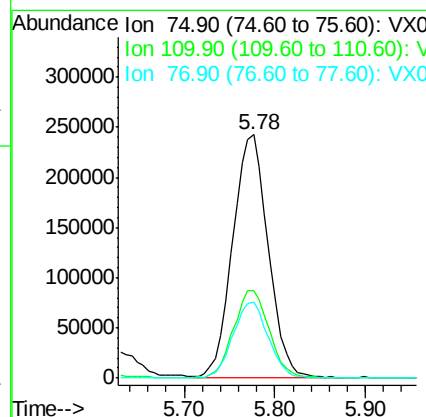
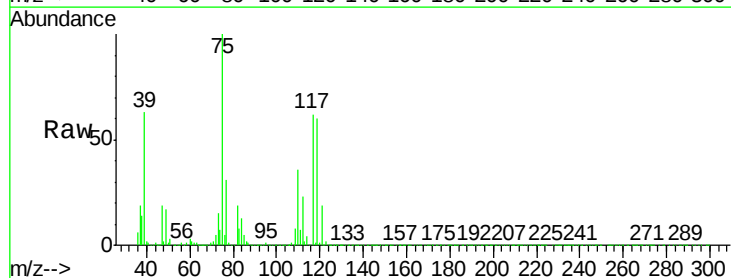
Manual Integrations
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 4/17/2020 11:55:14 AM



#36
 1,1-Dichloropropene
 Concen: 45.847 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	655503		
110	36.4	17.1	51.3	
77	30.7	24.6	36.8	





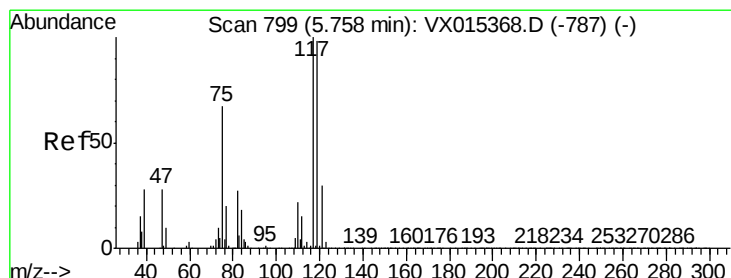
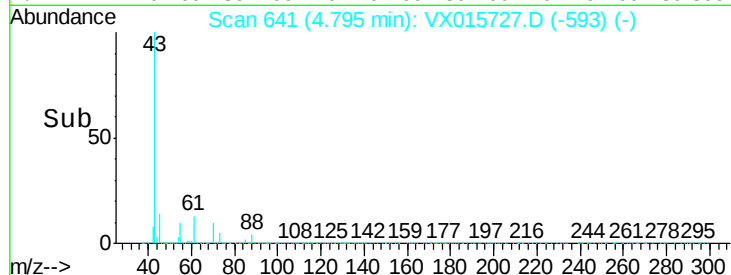
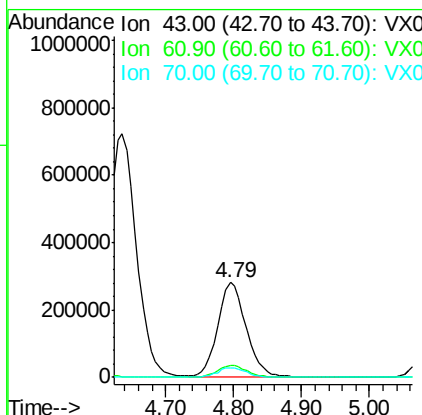
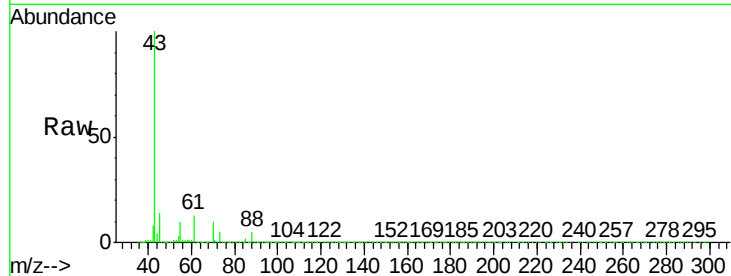
#37
Ethyl Acetate
Concen: 43.479 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.5	8.1	12.1

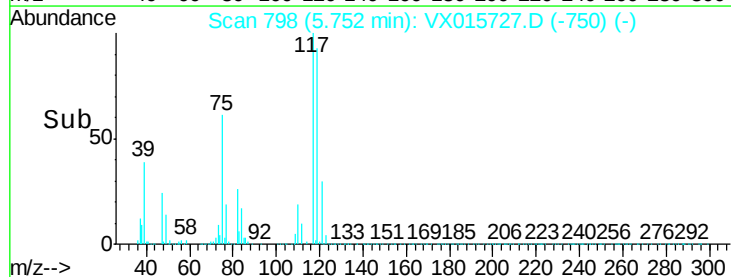
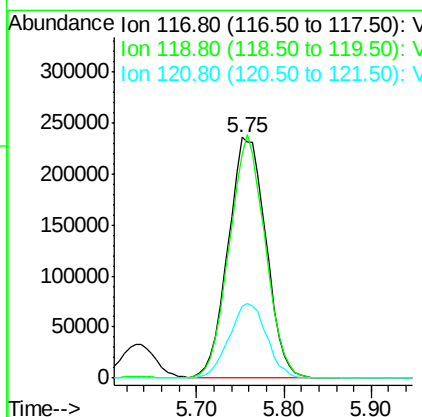
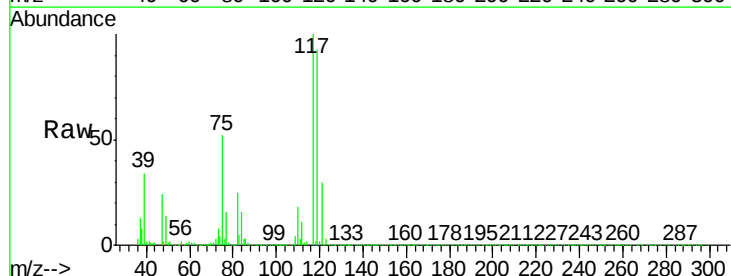
Manual Integrations
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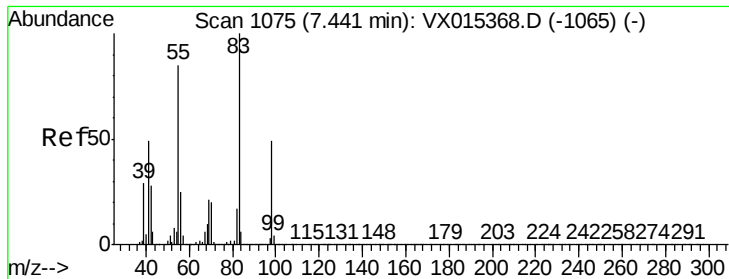
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#38
Carbon Tetrachloride
Concen: 45.650 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.0	117.0
121	29.8	23.8	35.8





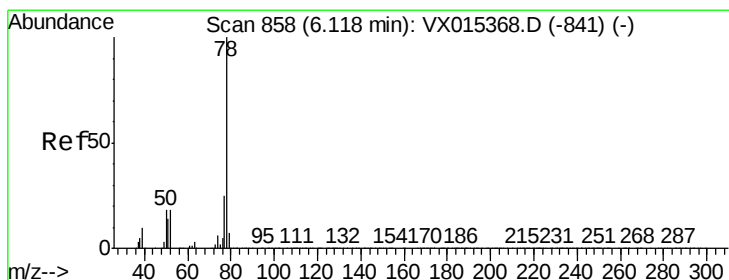
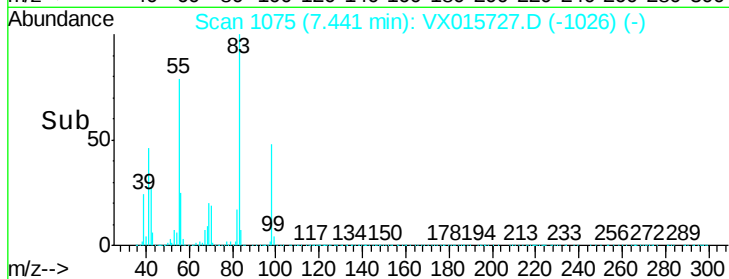
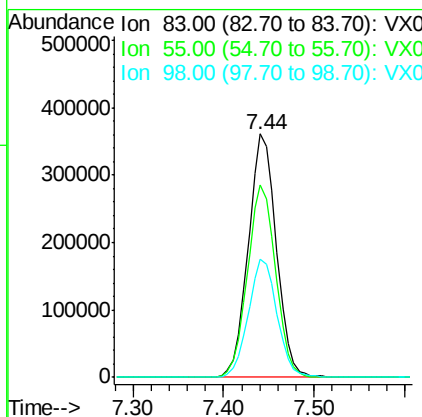
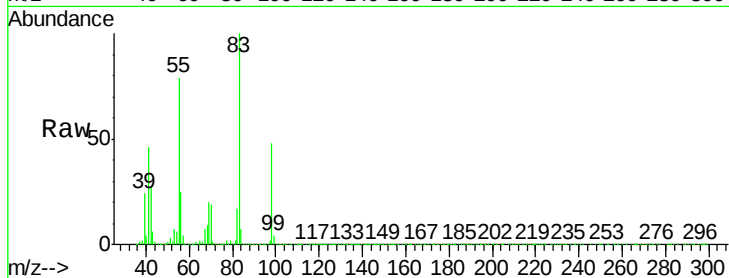
#39
Methvlcvclohexane
Concen: 46.866 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	67.8	101.6
98	48.2	39.3	58.9

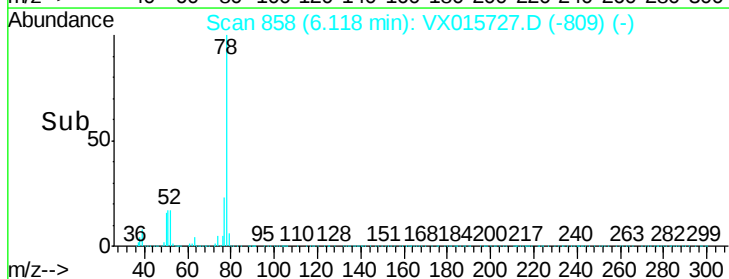
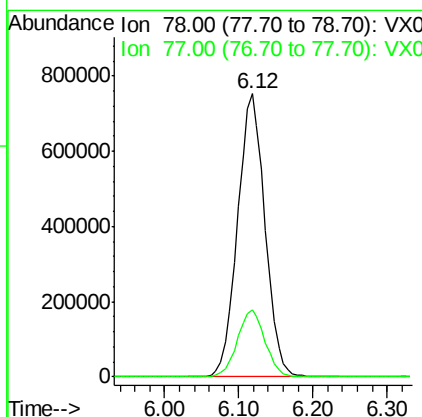
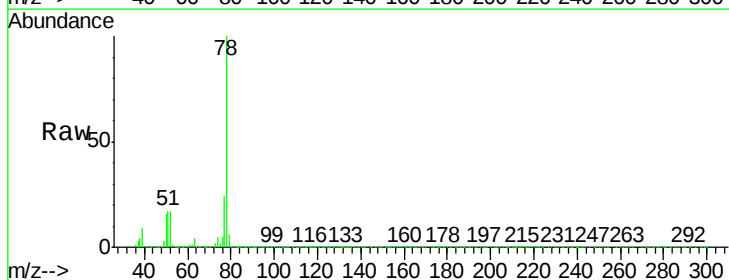
Manual Integrations
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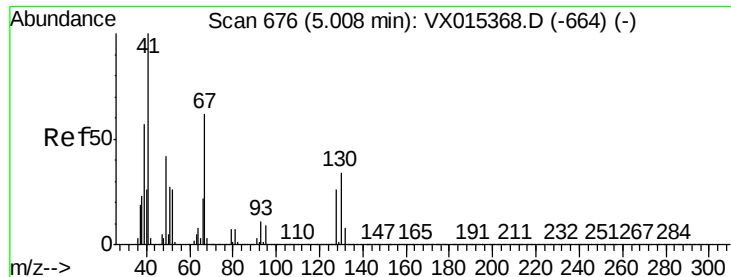
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#40
Benzene
Concen: 46.342 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





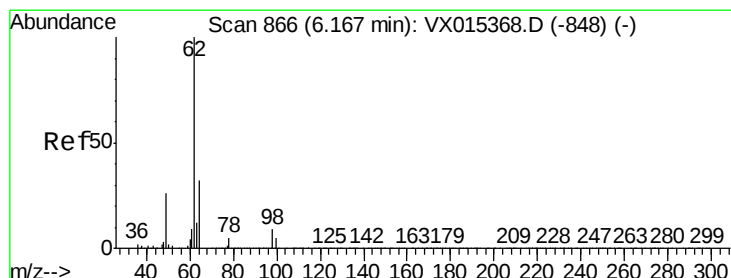
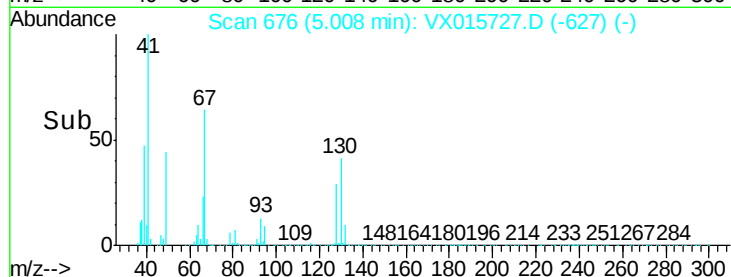
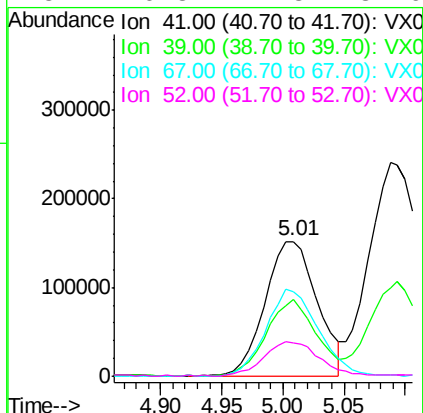
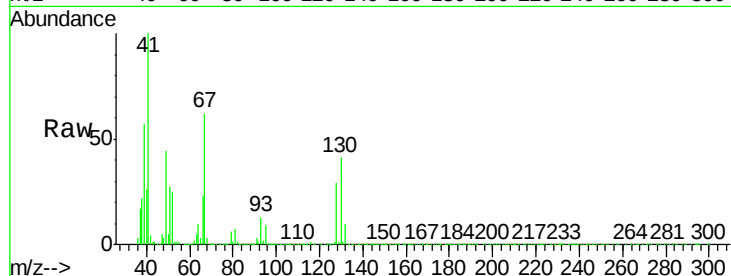
#41
Methacrylonitrile
Concen: 43.543 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		449993		
39	54.4	44.5	66.7		
67	64.6	48.9	73.3		
52	26.8	21.8	32.6		

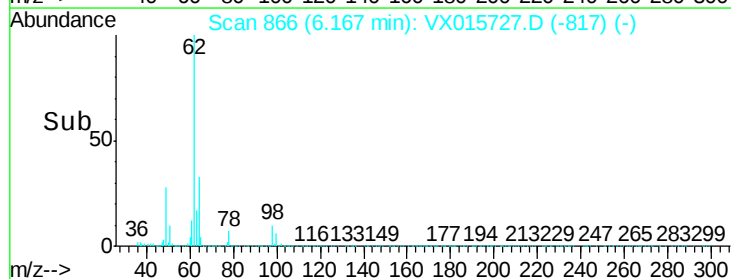
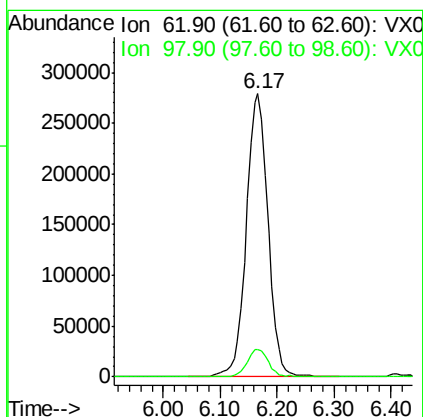
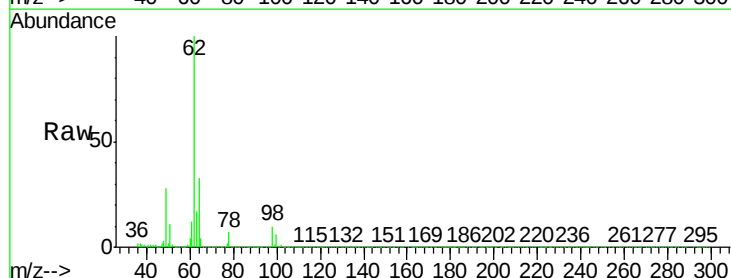
Manual Integrations
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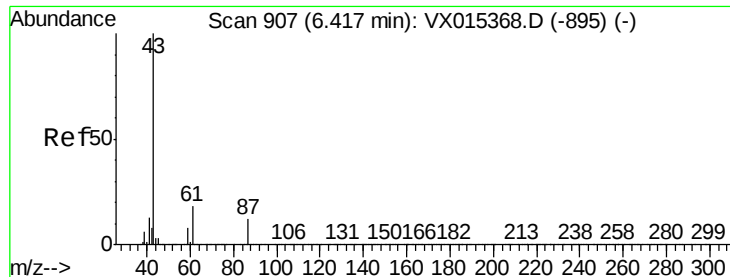
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#42
1,2-Dichloroethane
Concen: 44.003 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		740254		
98	9.5	0.0	17.6		





#43

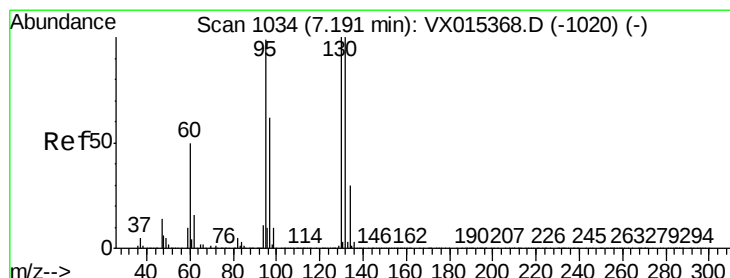
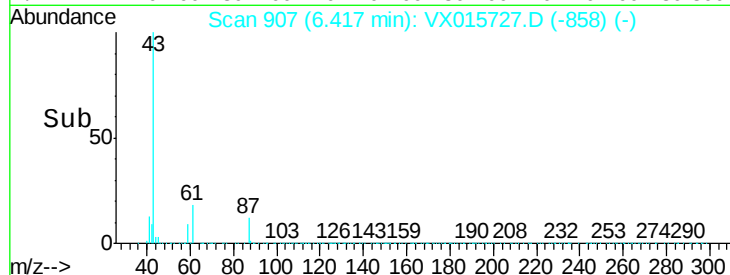
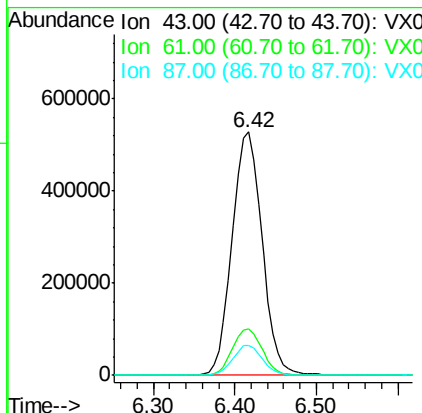
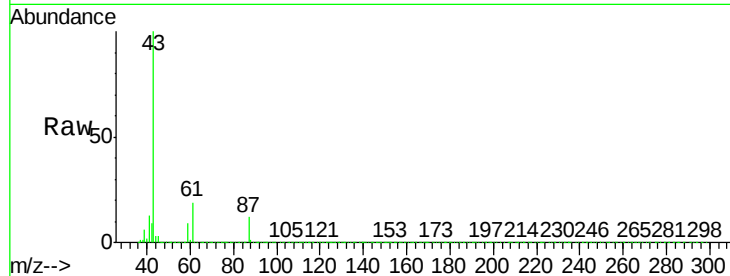
Isopropyl Acetate
 Concen: 42.538 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.1	9.4	14.0

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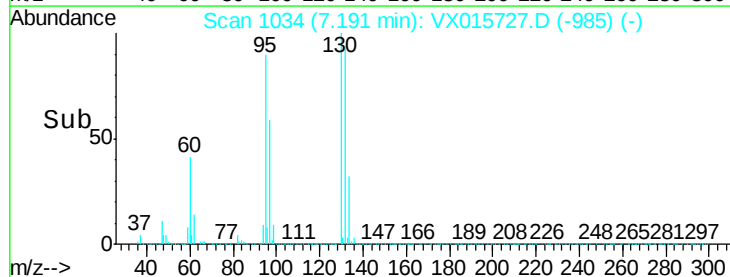
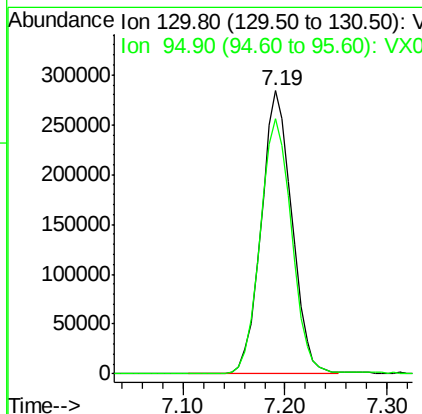
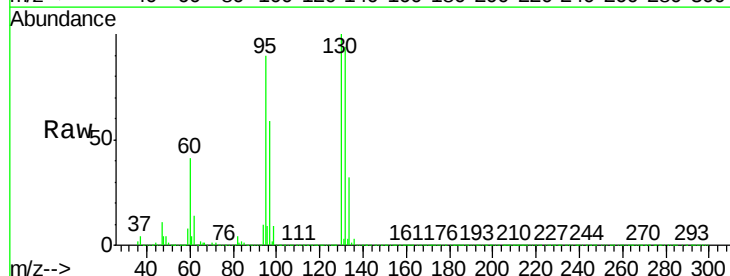
MMDadoda
 4/17/2020 11:55:14 AM

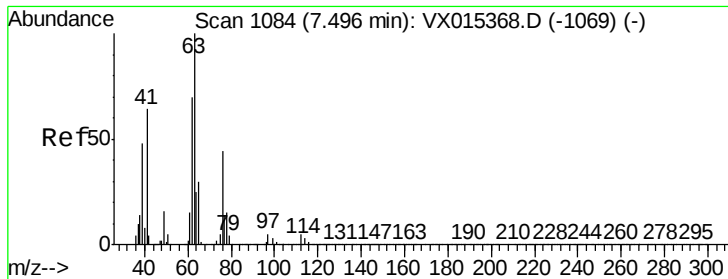


#44

Trichloroethene
 Concen: 51.850 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	199.0





#45

1,2-Dichloropropane

Concen: 45.578 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 63 Resp: 522194

Ion Ratio Lower Upper

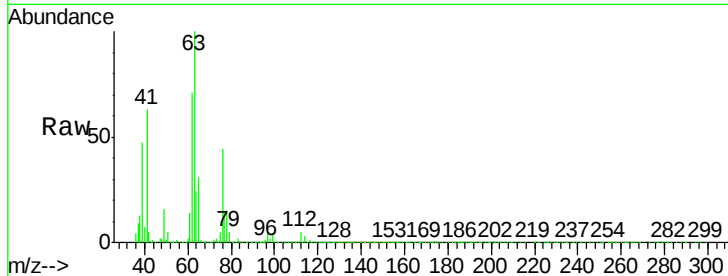
63 100

65 30.6 23.9 35.9

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4/17/2020 11:55:14 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

250000

200000

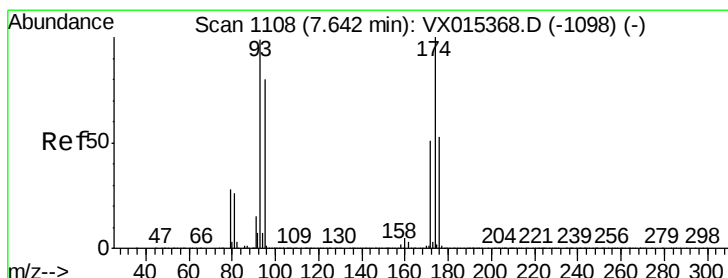
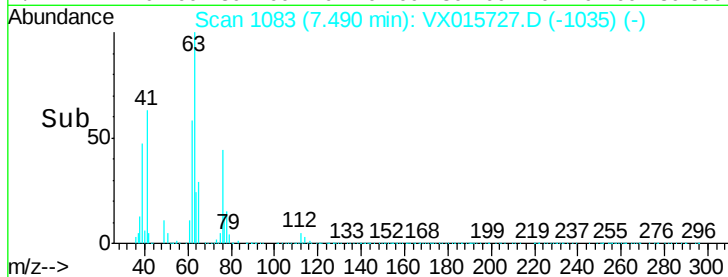
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 45.413 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

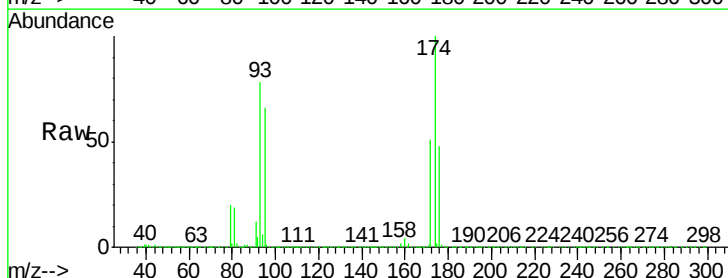
Tgt Ion: 93 Resp: 341305

Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 125.2 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

300000

250000

200000

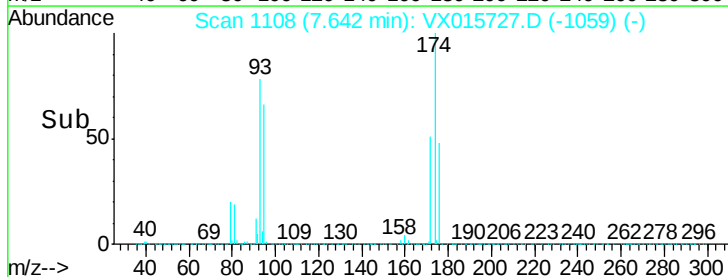
150000

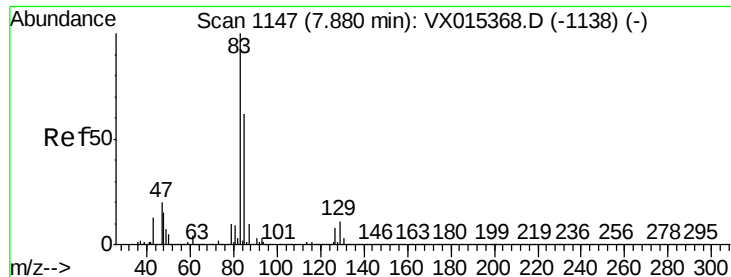
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 45.201 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

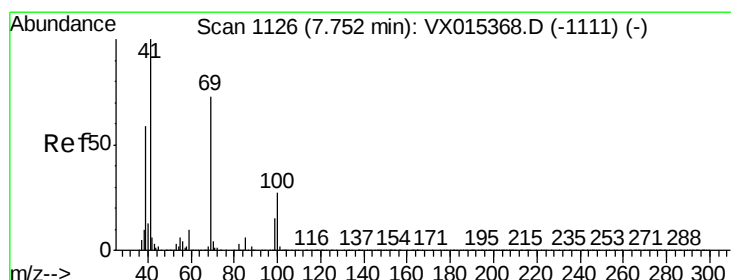
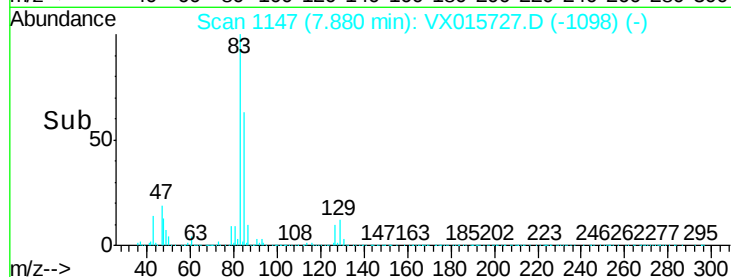
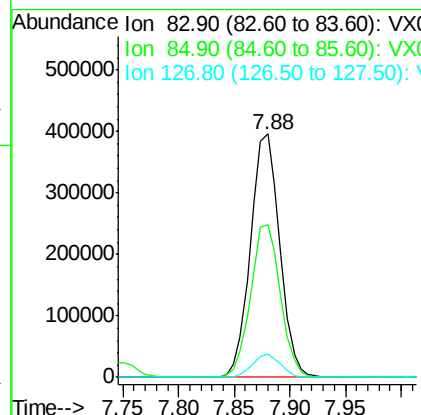
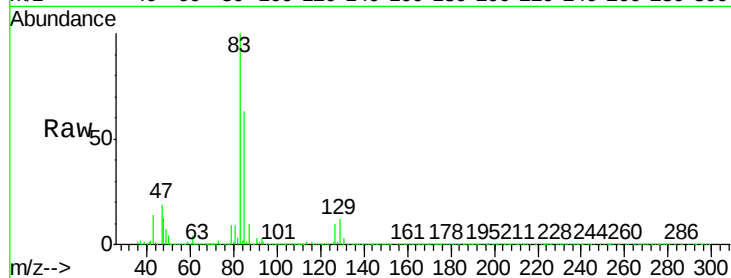
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	83	Resp:	723857
Ion Ratio	Lower	Upper	
83	100		
85	62.6	49.7	74.5
127	9.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 42.721 ug/l

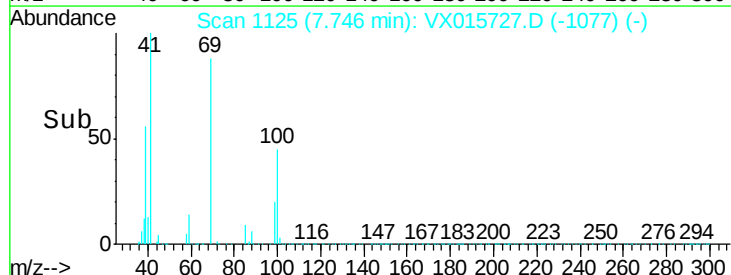
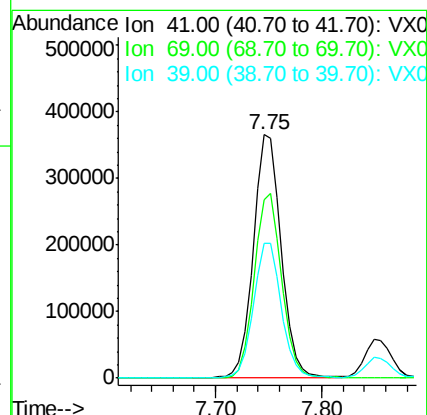
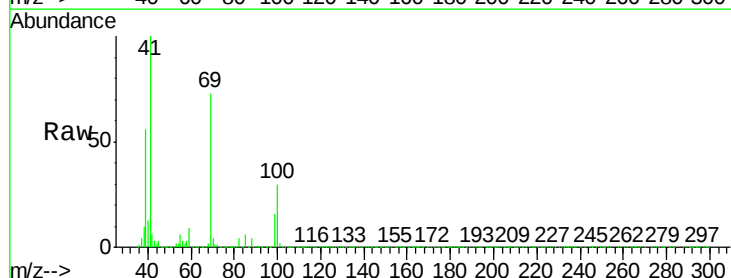
RT: 7.75 min Scan# 1125

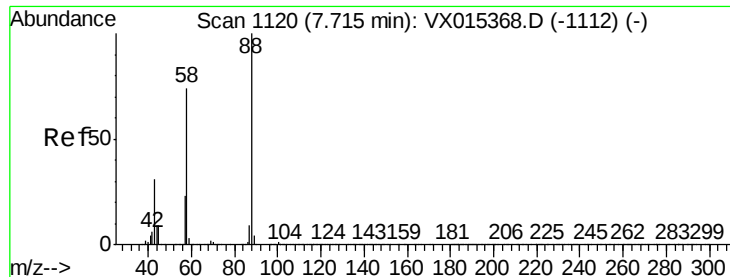
Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	41	Resp:	670597
Ion Ratio	Lower	Upper	
41	100		
69	74.9	56.7	85.1
39	55.2	46.5	69.7





#49

1,4-Dioxane

Concen: 877.058 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

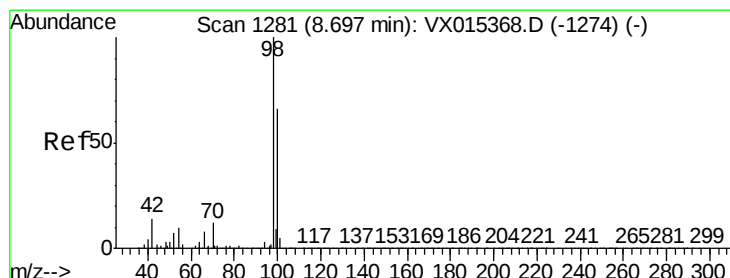
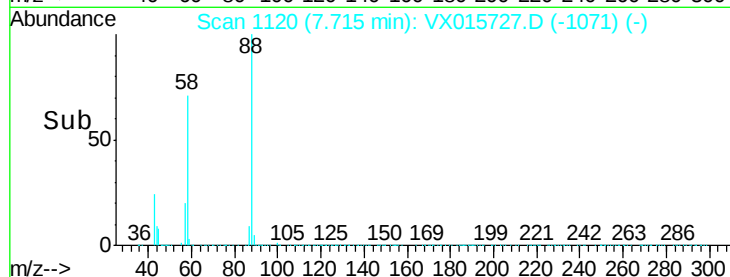
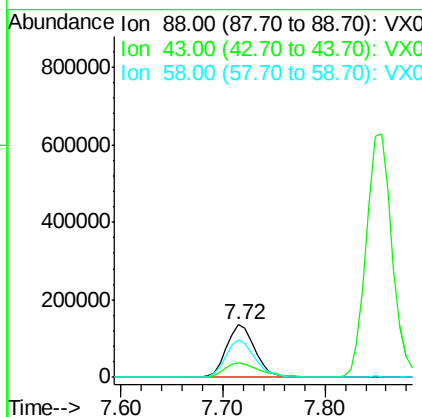
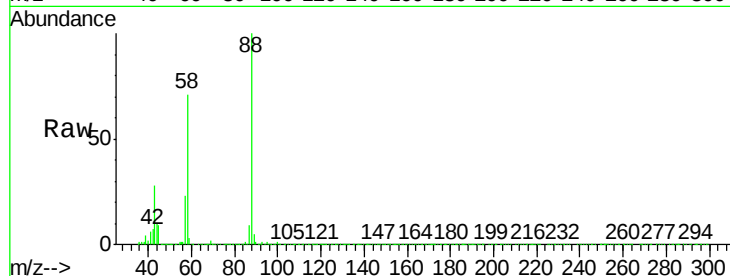
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	88	Resp:	256830
Ion Ratio	Lower	Upper	
88	100		
43	34.5	30.1	45.1
58	73.9	60.6	90.8

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#50

Toluene-d8

Concen: 49.919 ug/l

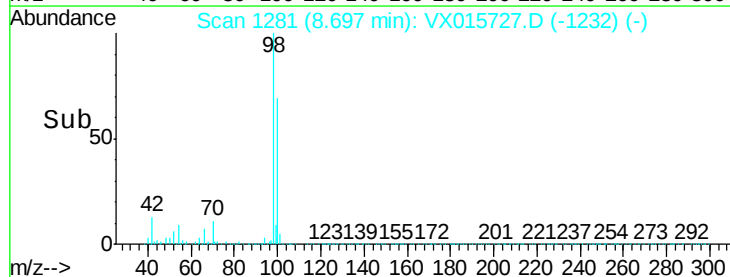
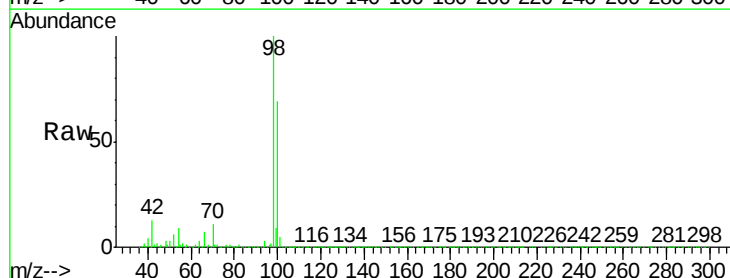
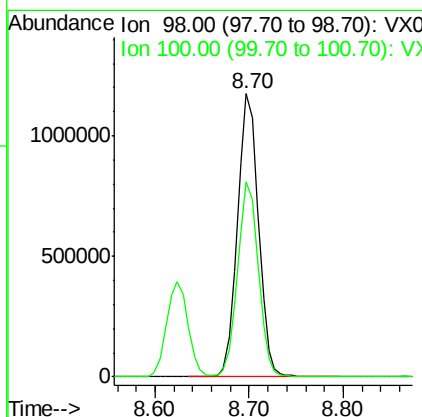
RT: 8.70 min Scan# 1281

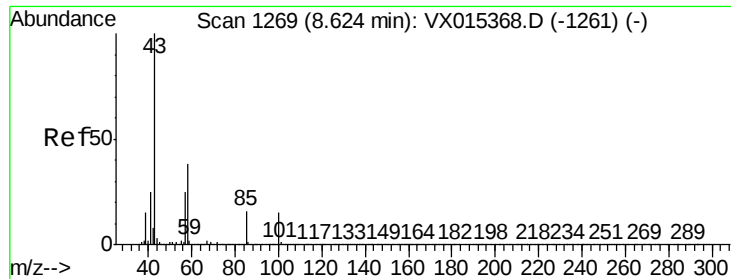
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	98	Resp:	1823033
Ion Ratio	Lower	Upper	
98	100		
100	68.2	53.5	80.3





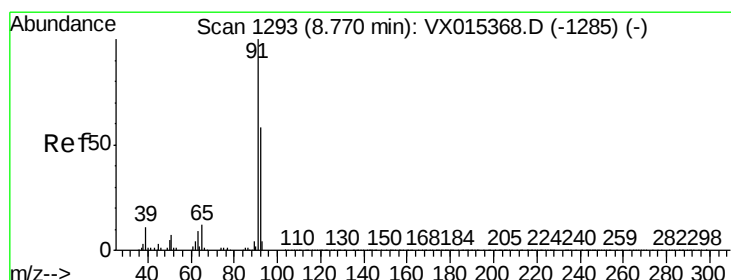
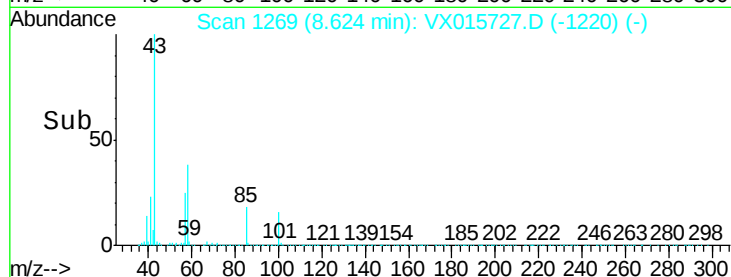
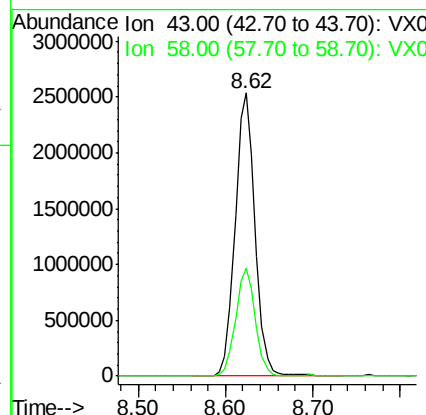
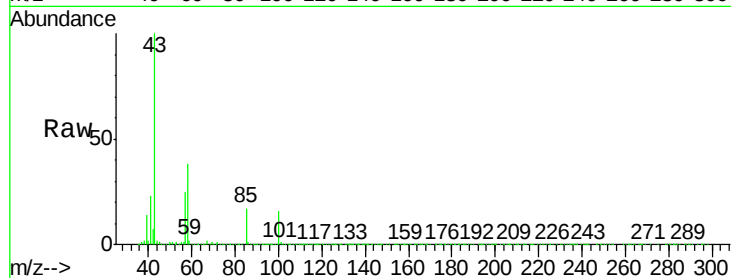
#51
4-Methyl-2-Pentanone
Concen: 224.891 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion: 43 Resp: 4005330
Ion Ratio Lower Upper
43 100
58 37.6 29.7 44.5

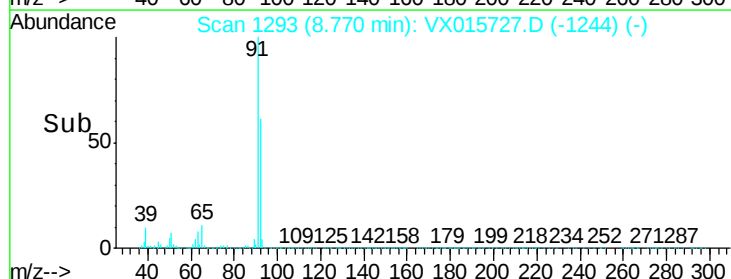
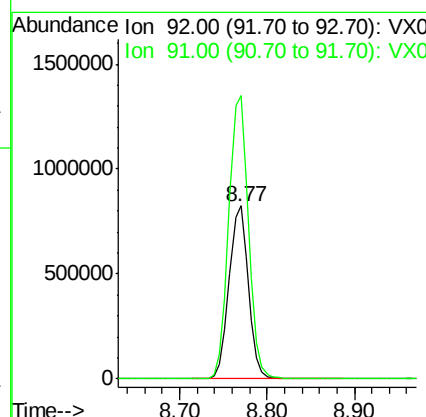
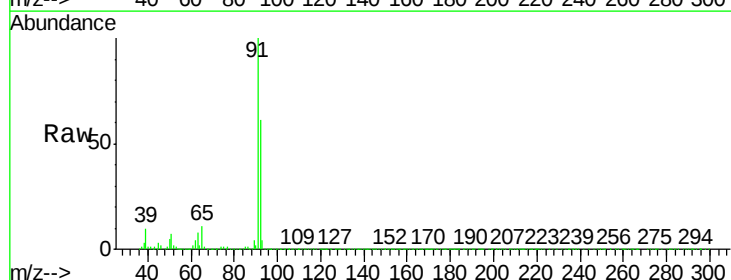
Manual Integrations
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#52
Toluene
Concen: 48.735 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 92 Resp: 1258399
Ion Ratio Lower Upper
92 100
91 167.0 136.6 205.0





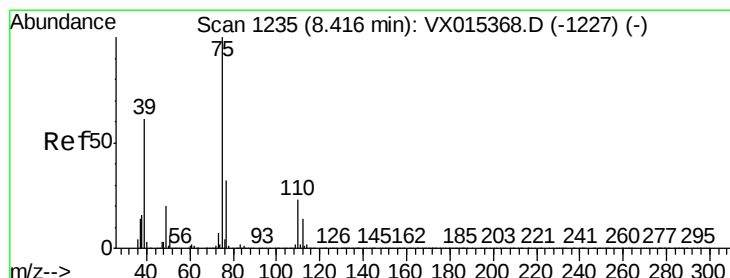
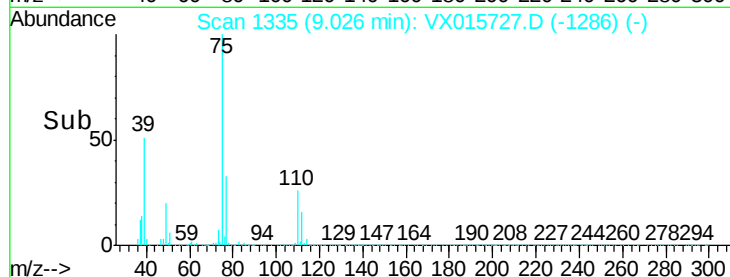
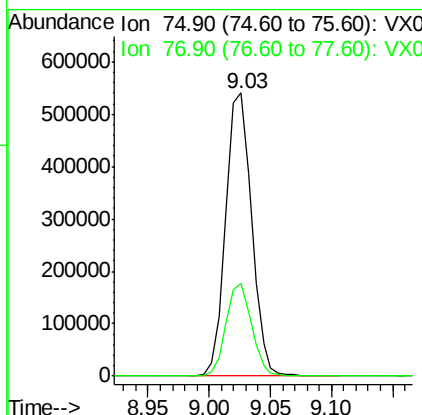
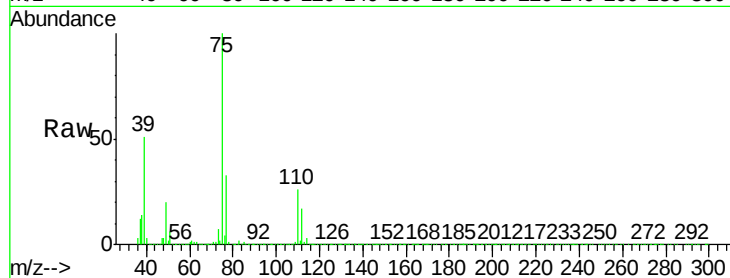
#53
t-1,3-Dichloropropene
Concen: 42.138 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.1	36.1

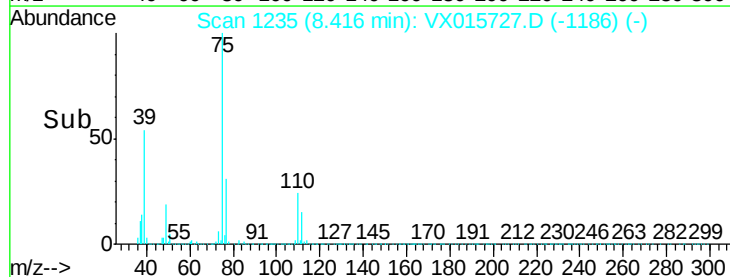
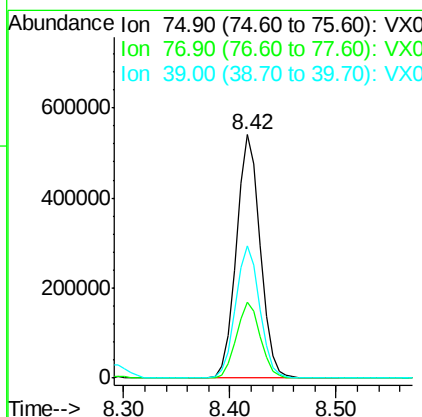
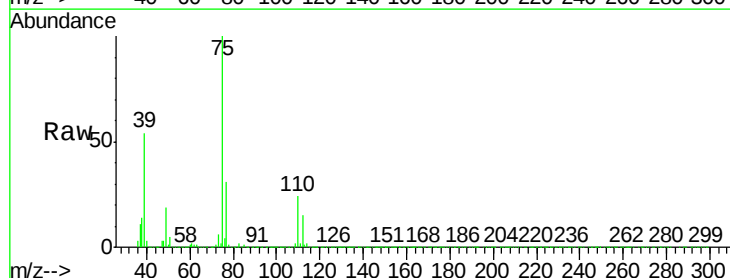
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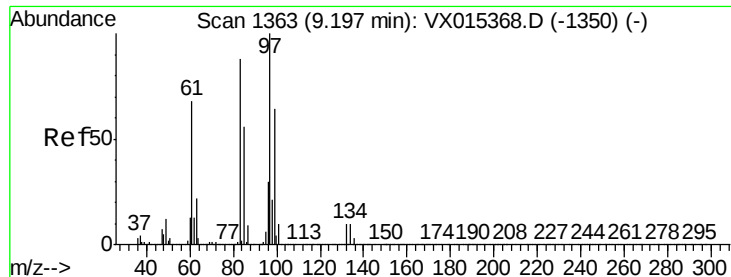
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.399 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6
39	54.1	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 48.243 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

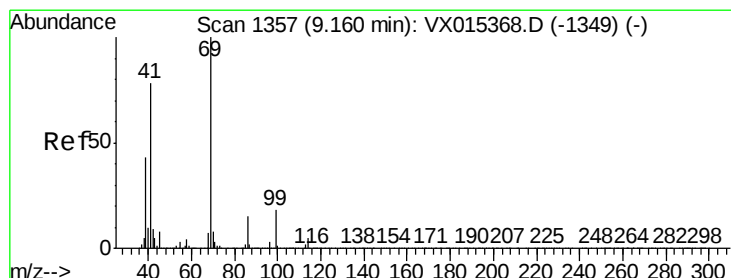
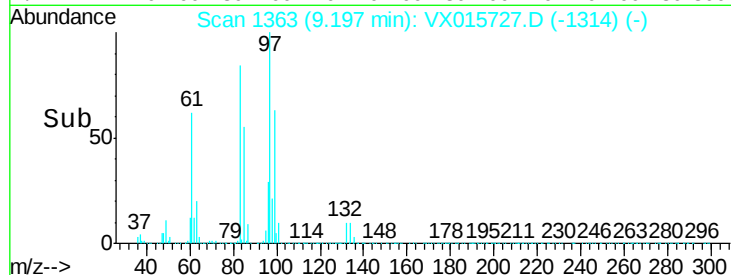
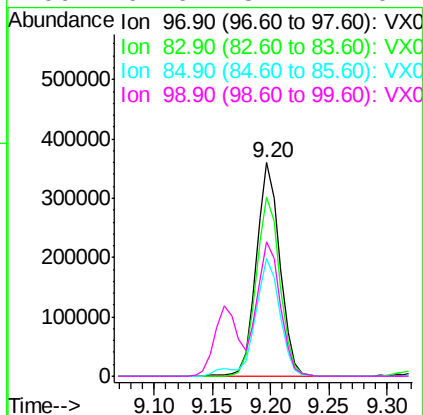
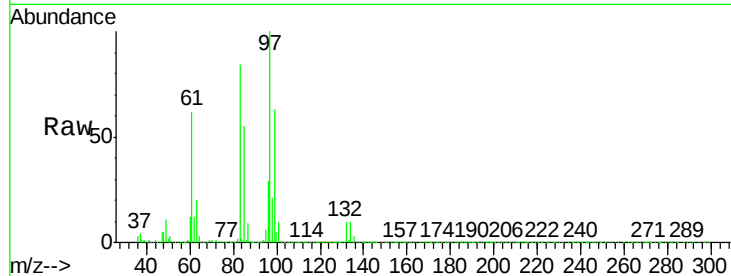
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	97	Resp:	510364
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.2	105.4
85	55.1	44.7	67.1
99	62.6	51.1	76.7

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#56

Ethyl methacrylate

Concen: 45.179 ug/l

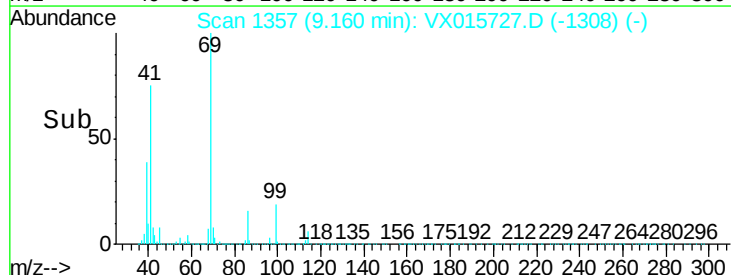
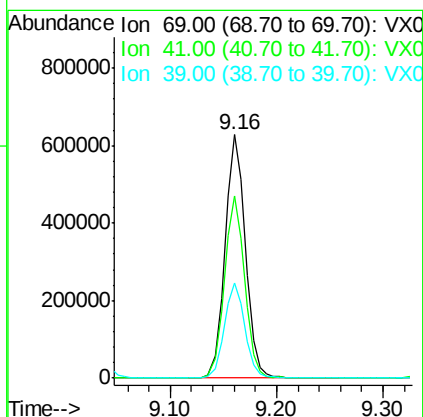
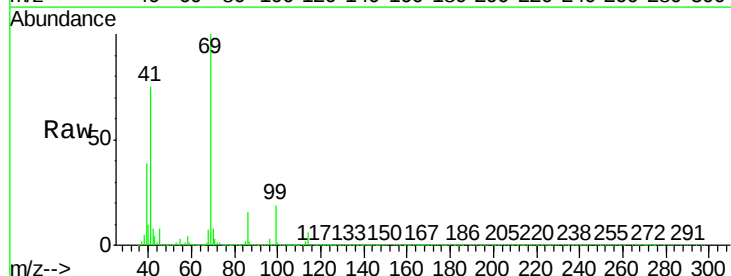
RT: 9.16 min Scan# 1357

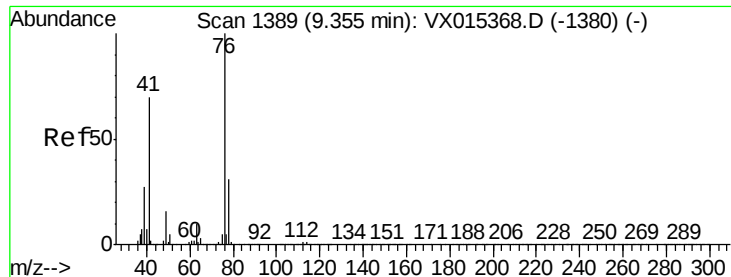
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	69	Resp:	842319
Ion	Ratio	Lower	Upper
69	100		
41	73.9	61.6	92.4
39	39.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 46.003 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 76 Resp: 876828

Ion Ratio Lower Upper

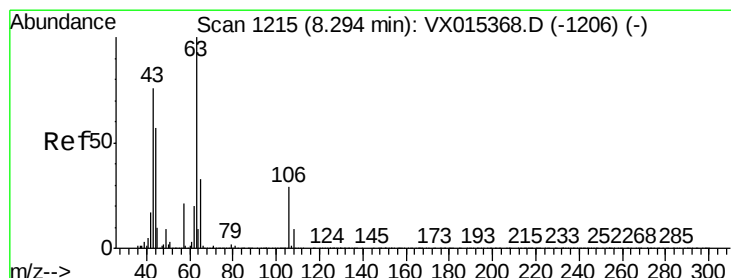
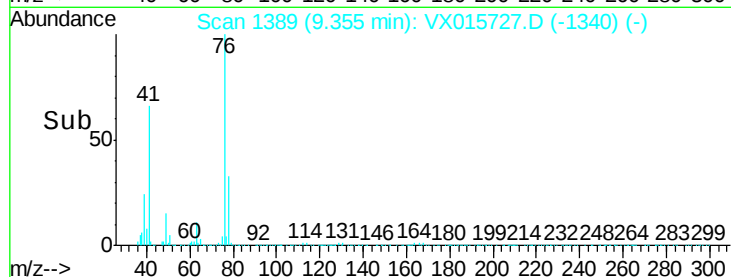
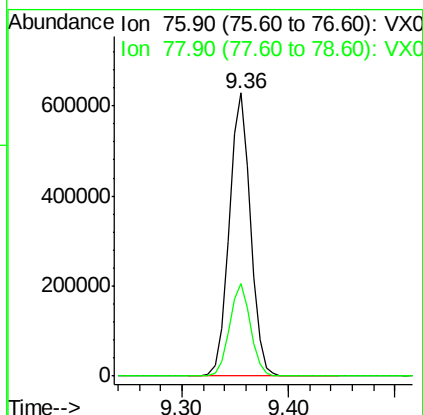
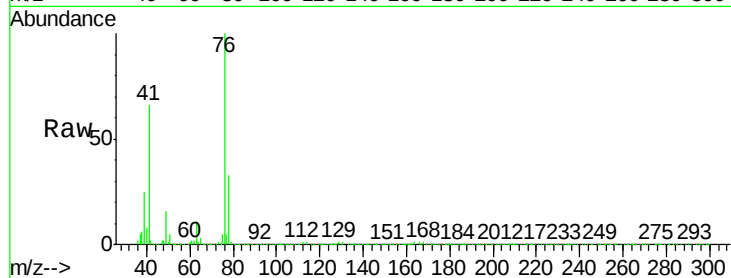
76 100

78 32.4 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 231.327 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015727.D

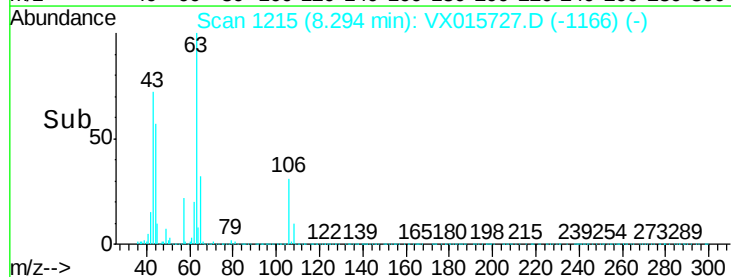
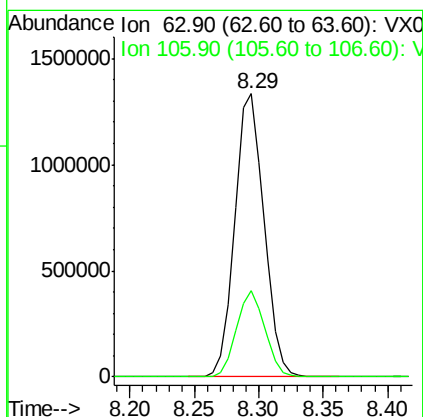
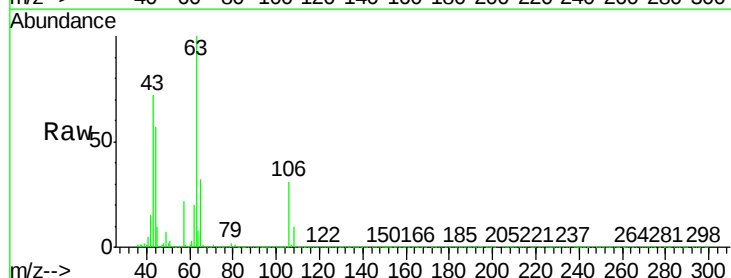
Acq: 16 Apr 2020 20:54

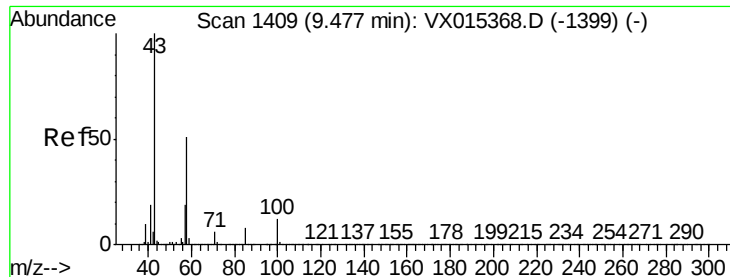
Tgt Ion: 63 Resp: 2097812

Ion Ratio Lower Upper

63 100

106 29.8 22.7 34.1





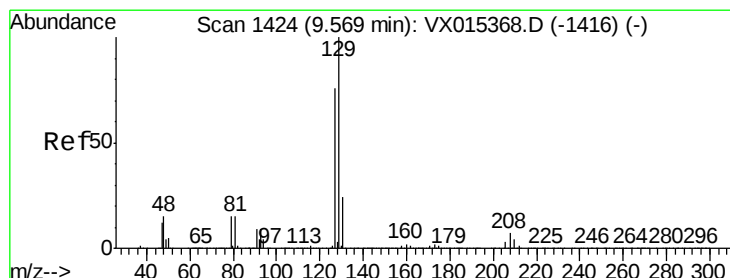
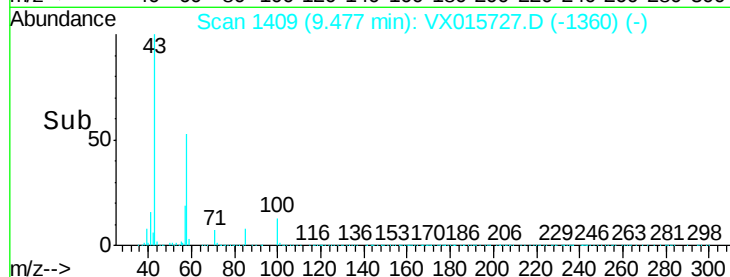
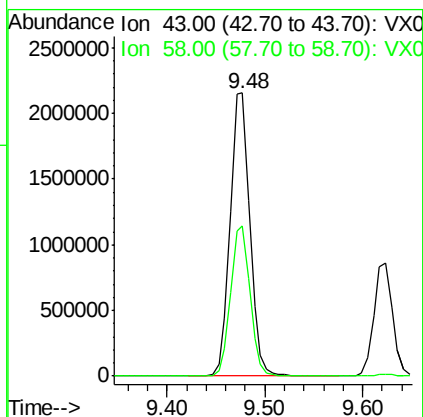
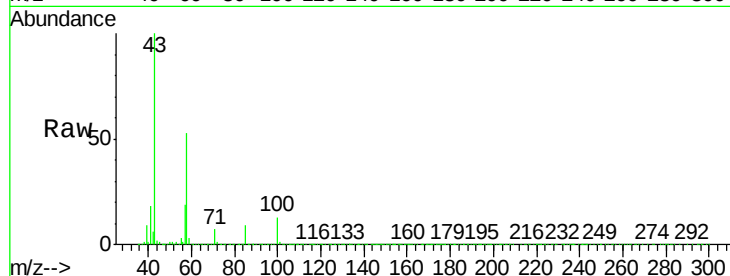
#59
2-Hexanone
Concen: 224.302 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion: 43 Resp: 3016010
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6

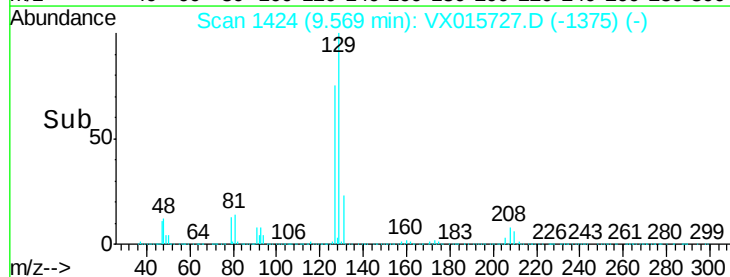
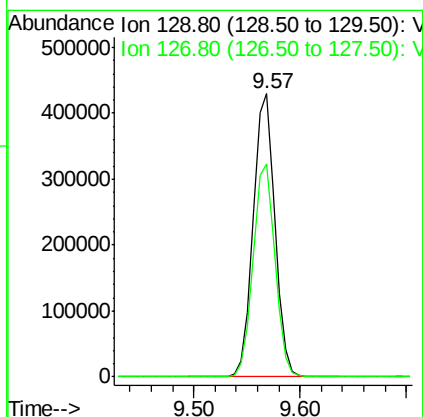
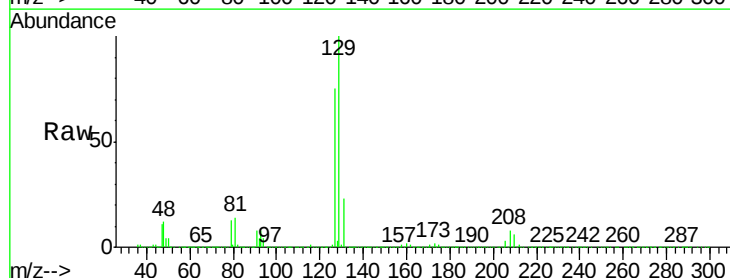
Manual Integrations
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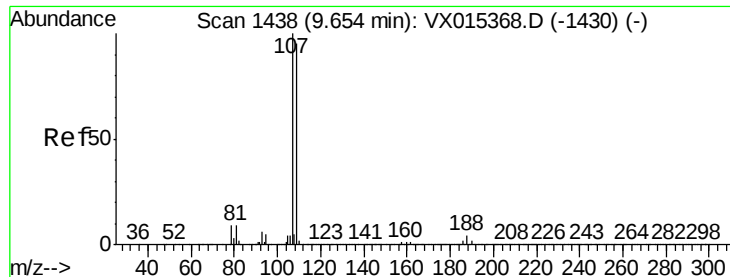
MMDadoda
4/17/2020 11:55:14 AM



#60
Dibromochloromethane
Concen: 48.450 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 129 Resp: 615895
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 47.599 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 107 Resp: 547528

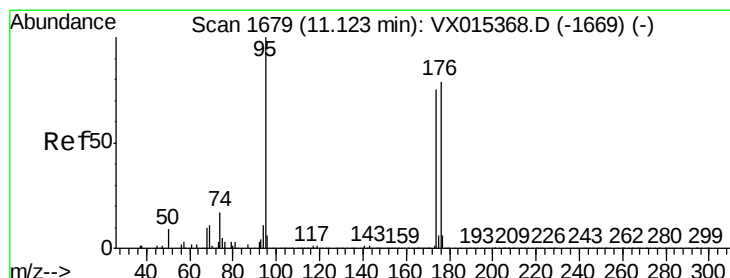
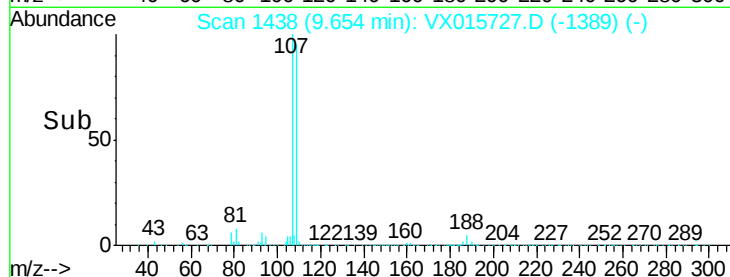
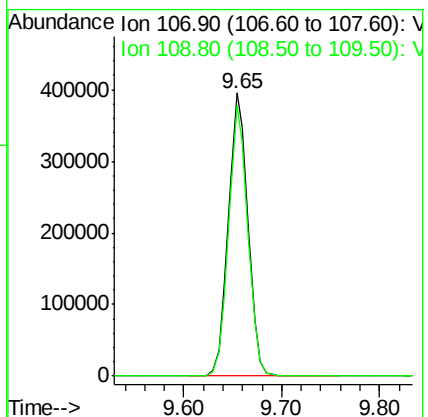
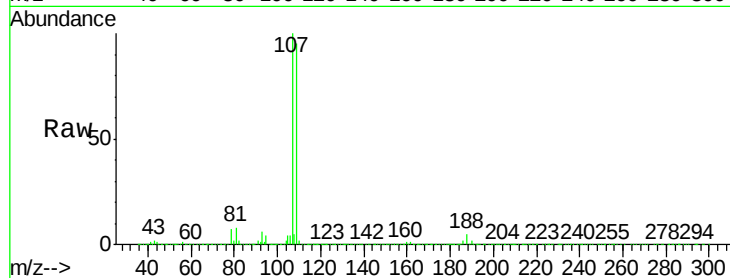
Ion Ratio Lower Upper

107 100

109 93.5 74.8 112.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:14 AM



#62

4-Bromofluorobenzene

Concen: 49.398 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

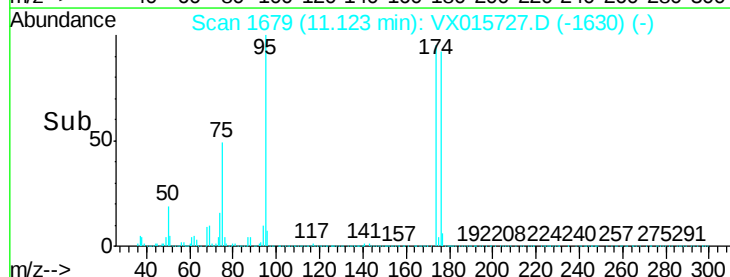
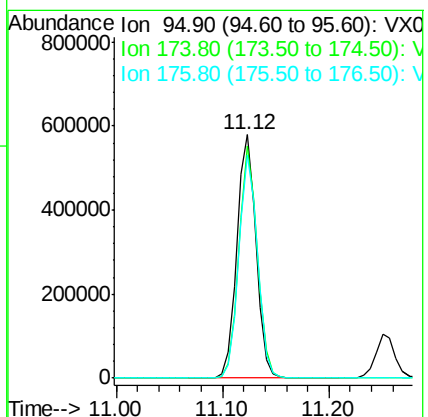
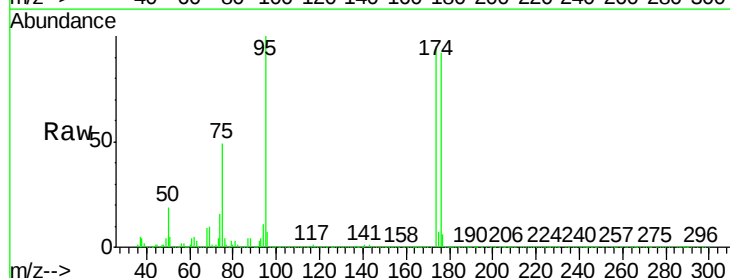
Tgt Ion: 95 Resp: 733156

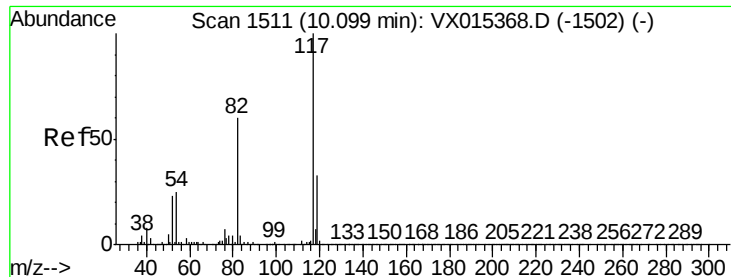
Ion Ratio Lower Upper

95 100

174 91.7 0.0 158.6

176 90.0 0.0 159.0





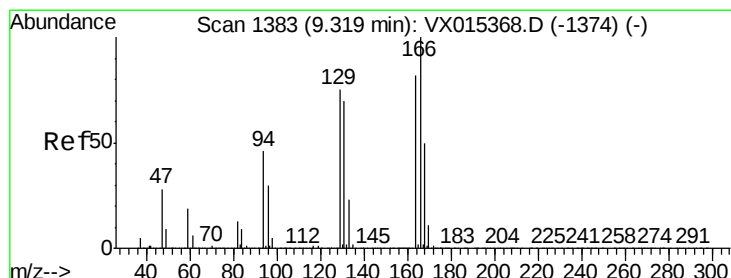
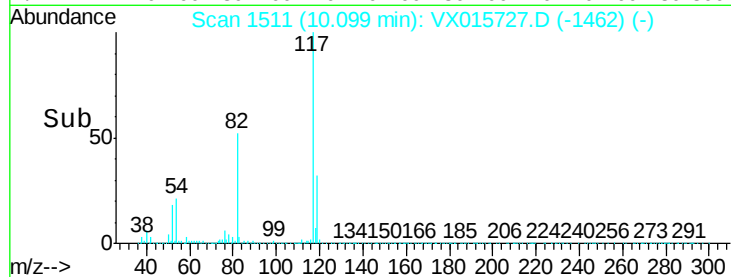
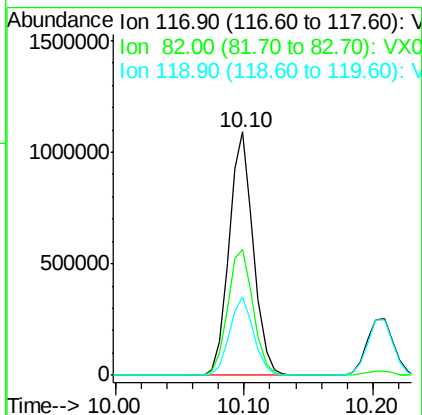
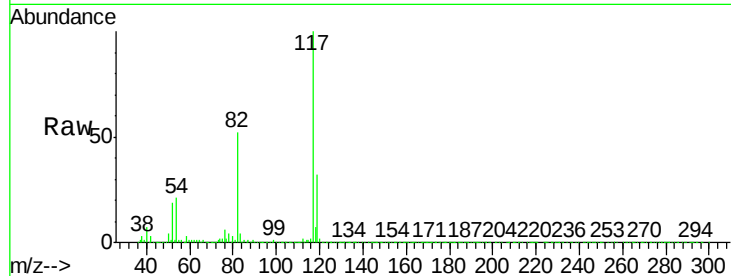
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	47.8	71.8
119	32.4	26.8	40.2

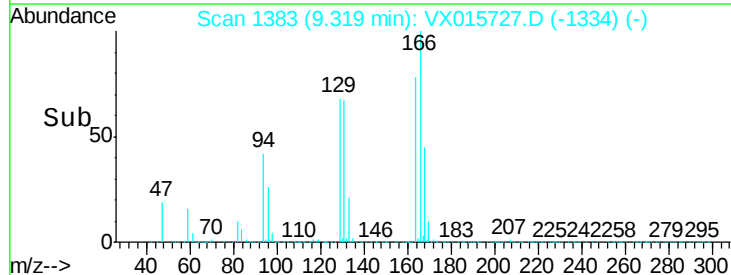
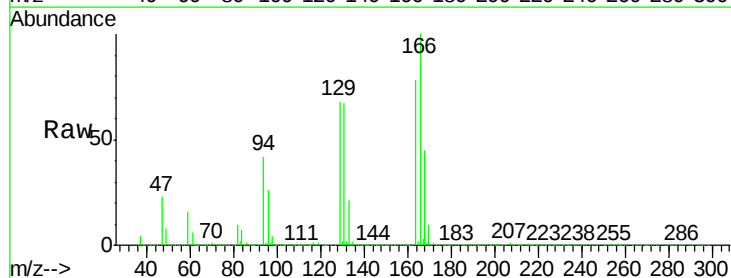
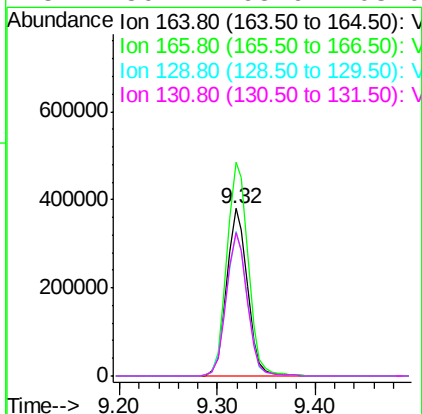
Manual Integrations
APPROVED

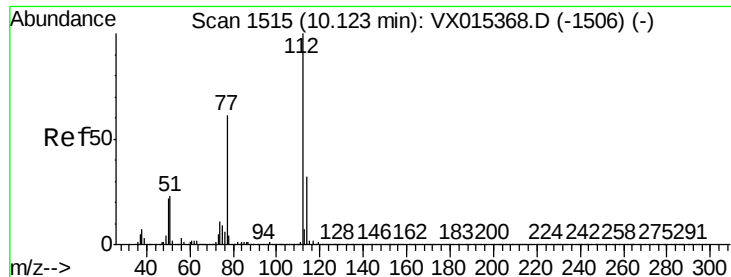
MMDadoda
4/17/2020 11:55:14 AM



#64
Tetrachloroethene
Concen: 51.818 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	97.8	146.6
129	86.5	73.0	109.4
131	86.1	68.6	103.0





#65

Chlorobenzene

Concen: 48.934 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion:112 Resp: 1393458

Ion Ratio Lower Upper

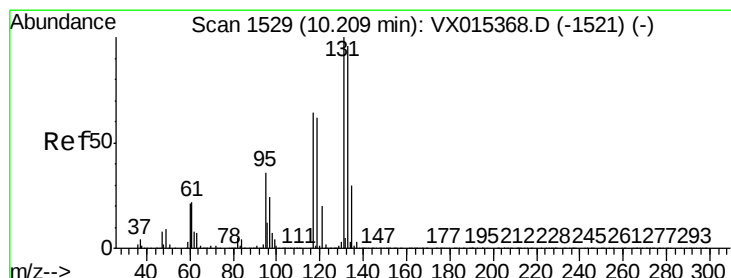
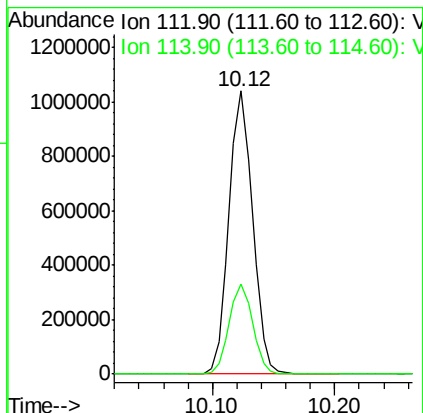
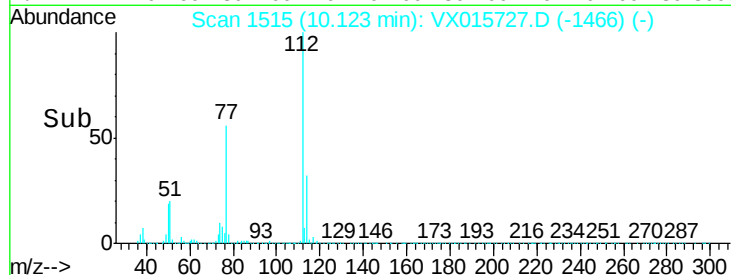
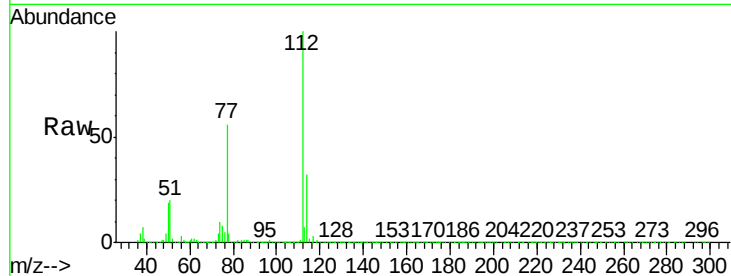
112 100

114 31.9 25.5 38.3

Manual Integrations
APPROVED

MMDadoda

4/17/2020 11:55:14 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 48.213 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

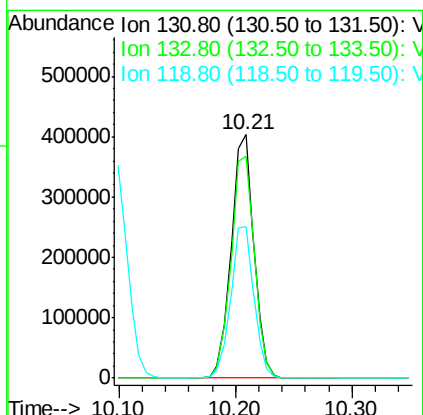
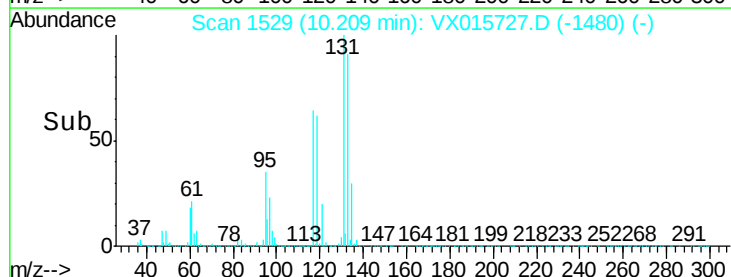
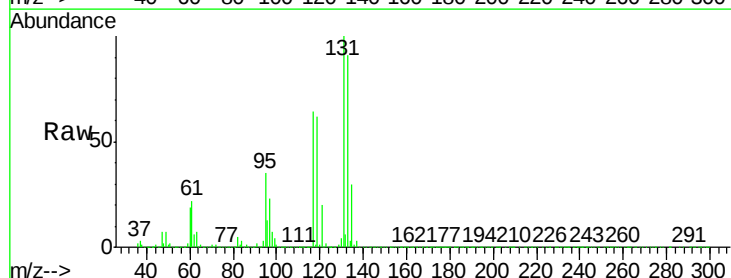
Tgt Ion:131 Resp: 548488

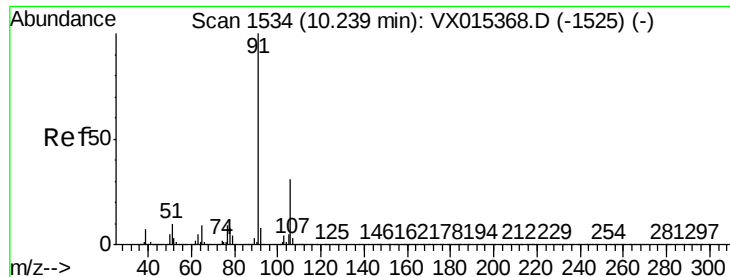
Ion Ratio Lower Upper

131 100

133 94.3 47.6 142.9

119 63.5 31.1 93.3





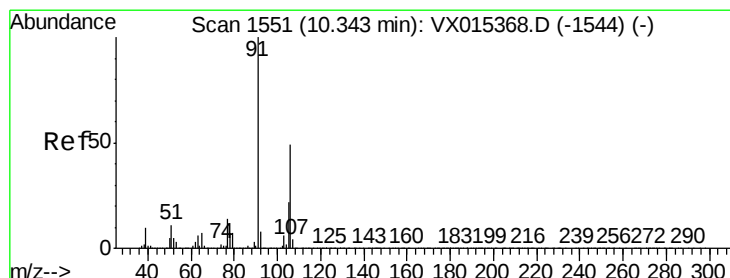
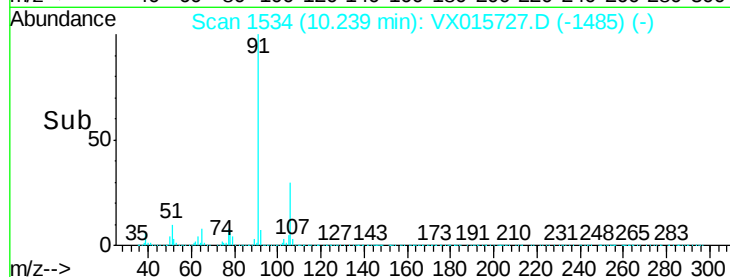
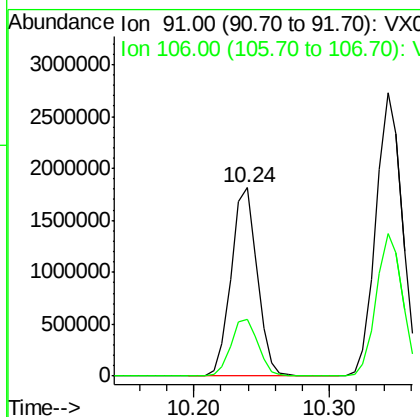
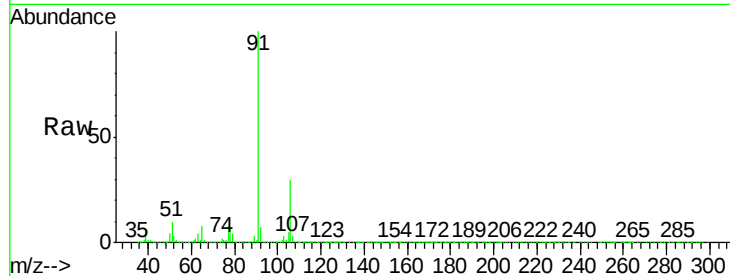
#67
Ethyl Benzene
Concen: 48.159 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion: 91 Resp: 2432262
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

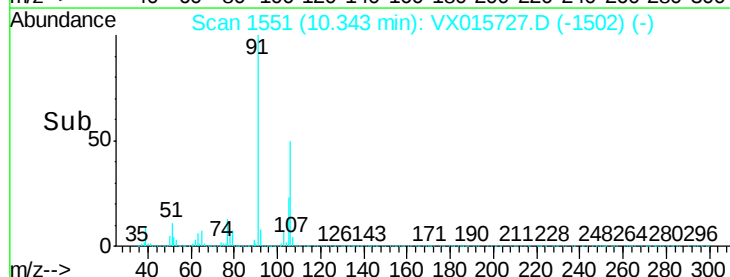
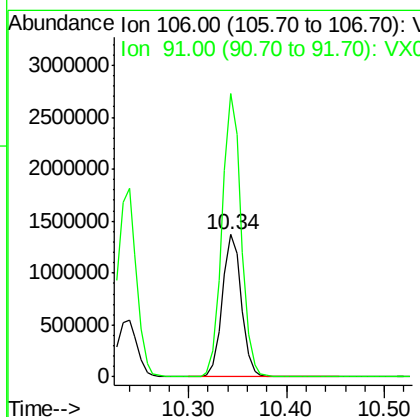
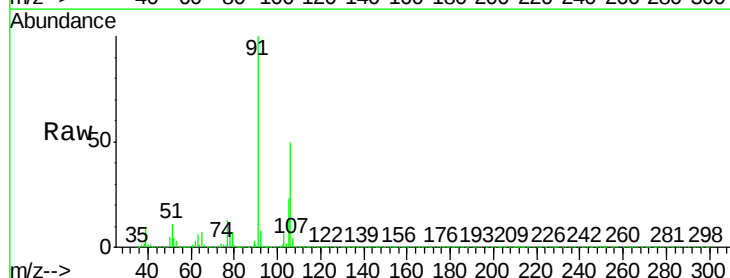
Manual Integrations
APPROVED

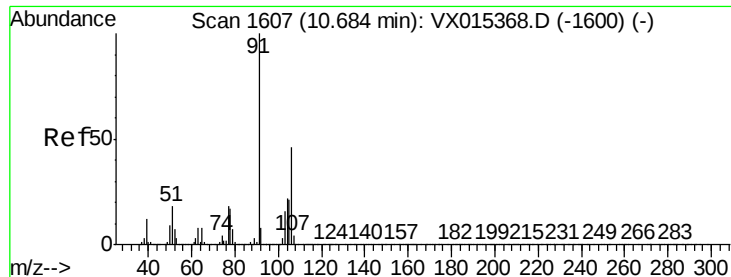
MMDadoda
4/17/2020 11:55:14 AM



#68
m/p-Xylenes
Concen: 98.619 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion: 106 Resp: 1854665
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.0





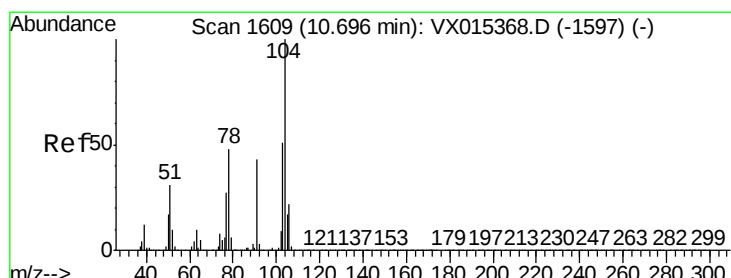
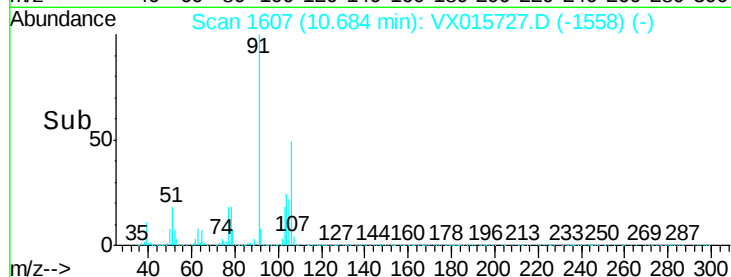
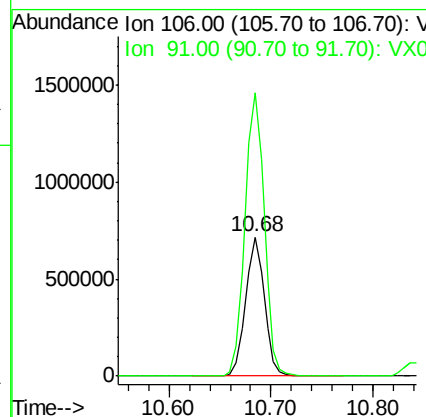
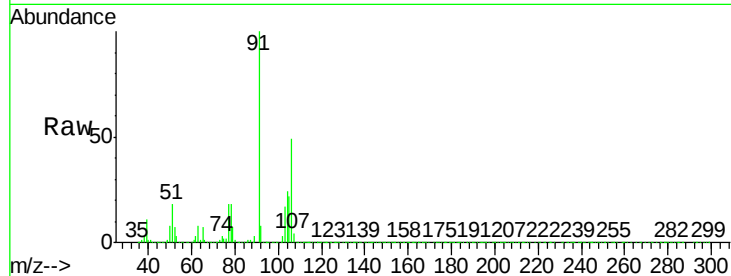
#69
o-Xylene
Concen: 48.648 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	107.1	321.3

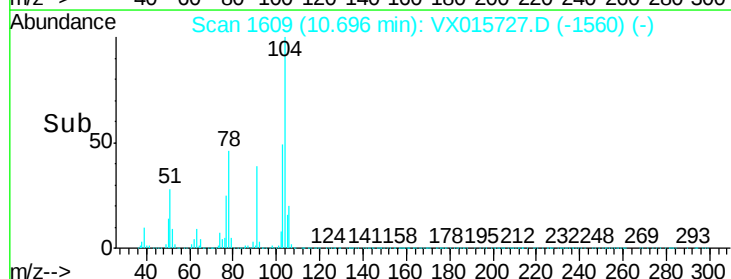
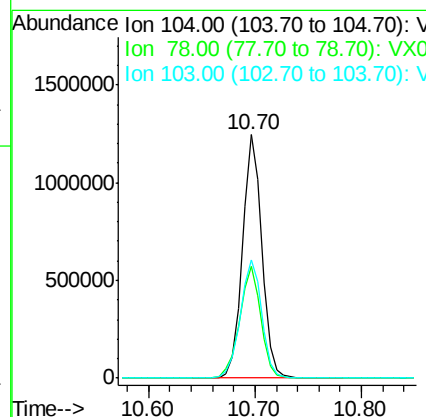
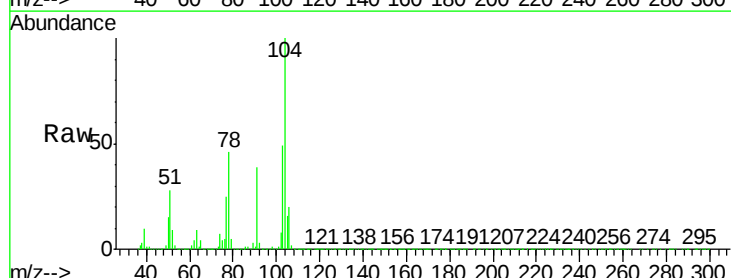
Manual Integrations
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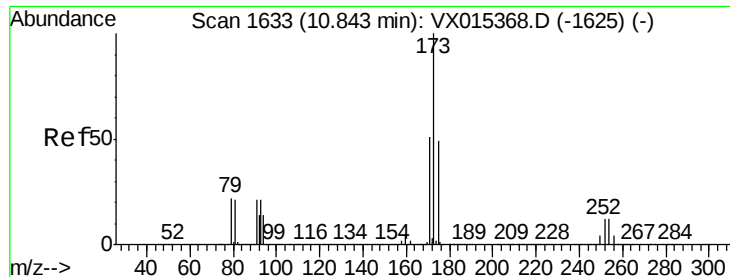
MMDadoda
4/17/2020 11:55:14 AM



#70
Styrene
Concen: 48.820 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	42.0	63.0
103	53.6	43.4	65.0





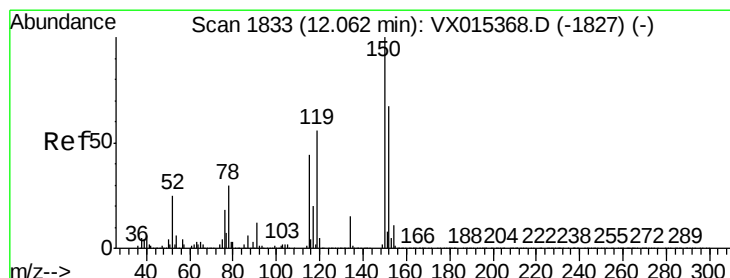
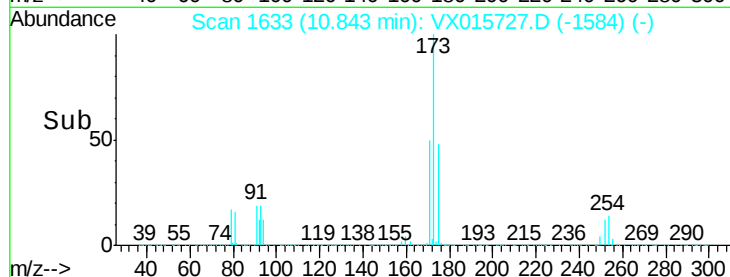
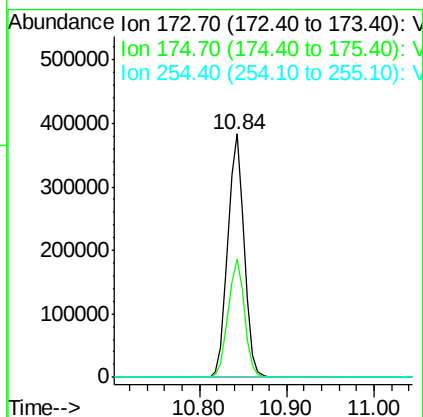
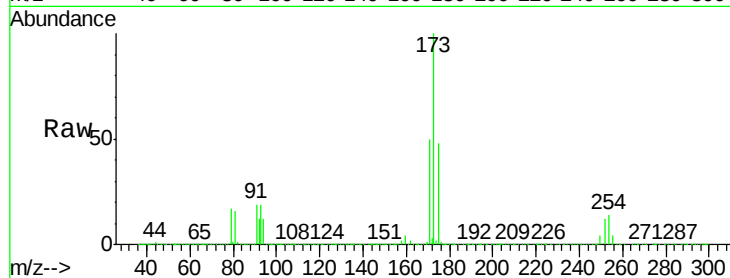
#71
Bromoform
Concen: 48.076 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Resp	Lower	Upper
173	100	497896		
175	48.2	23.9	71.7	
254	0.3	0.1	0.1#	

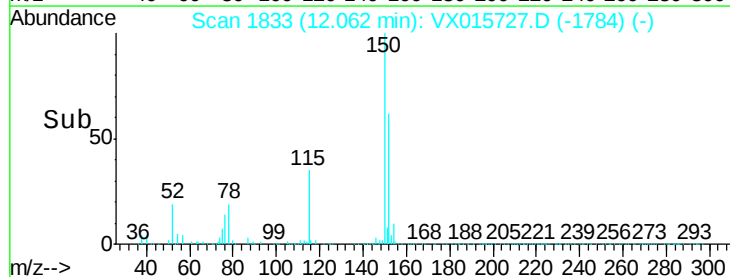
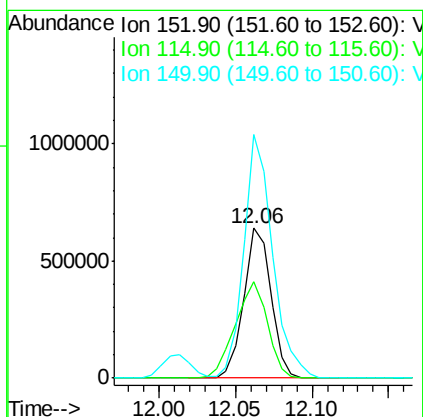
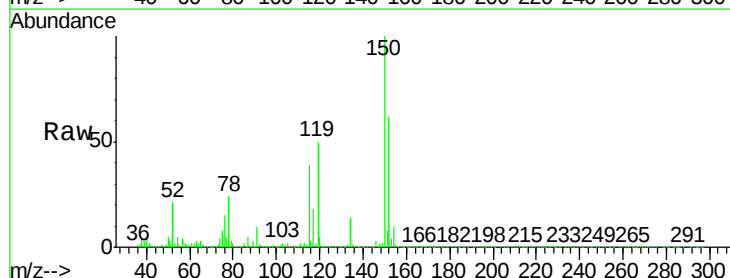
Manual Integrations
APPROVED

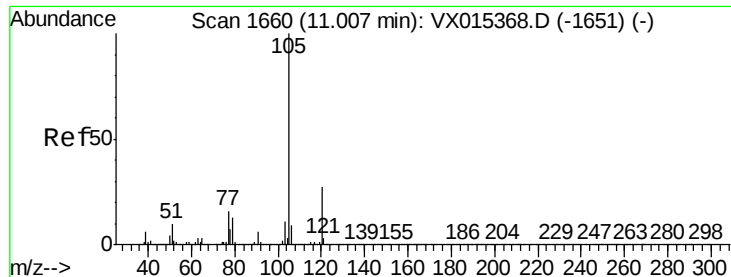
MMDadoda
4/17/2020 11:55:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	791335		
115	75.8	39.0	116.9	
150	170.7	0.0	340.8	





#73

Isopropylbenzene

Concen: 47.240 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion:105 Resp: 2449397

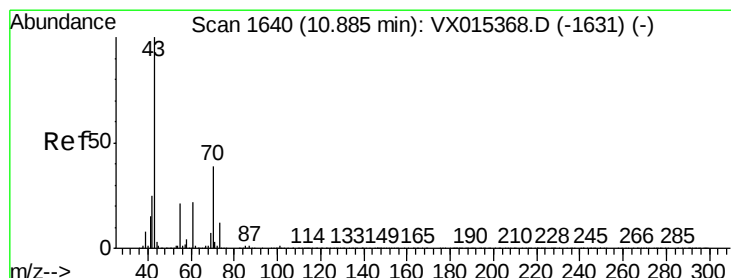
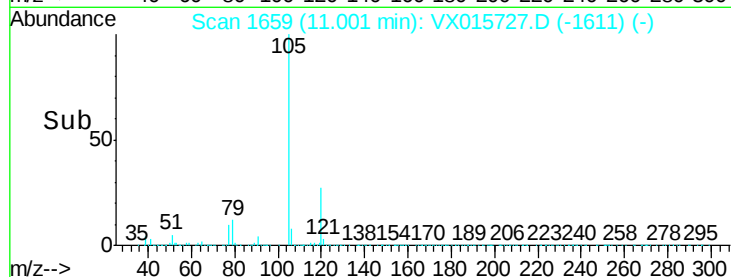
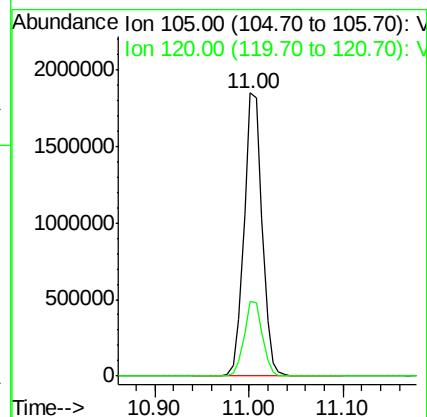
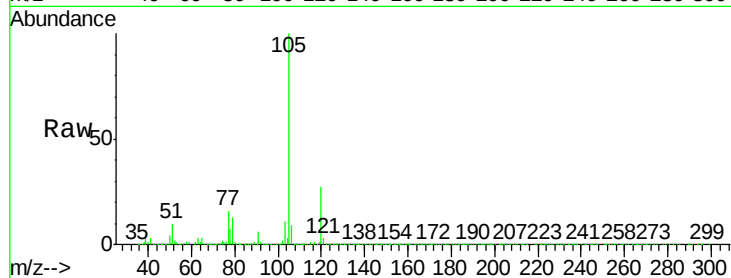
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:14 AM



#74

N-ethyl acetate

Concen: 40.421 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion: 43 Resp: 1165664

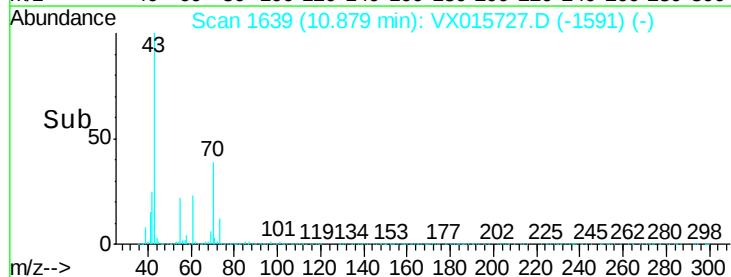
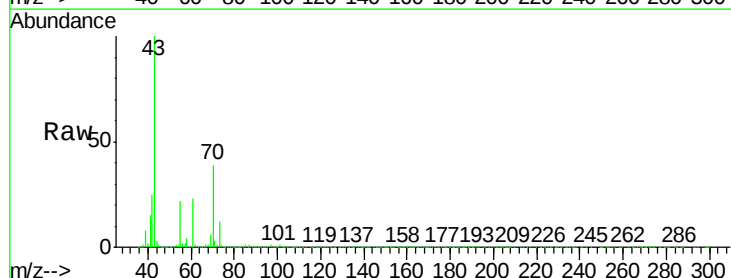
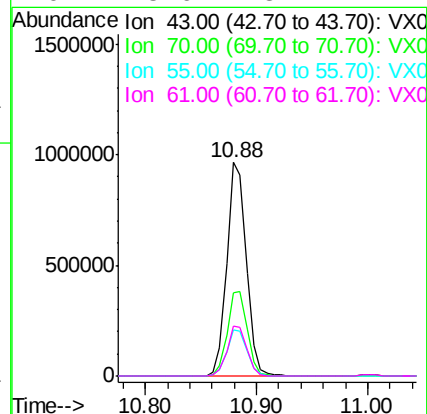
Ion Ratio Lower Upper

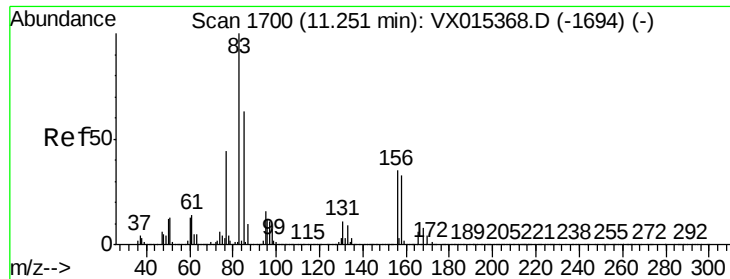
43 100

70 40.5 30.2 45.4

55 22.5 16.8 25.2

61 23.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.038 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

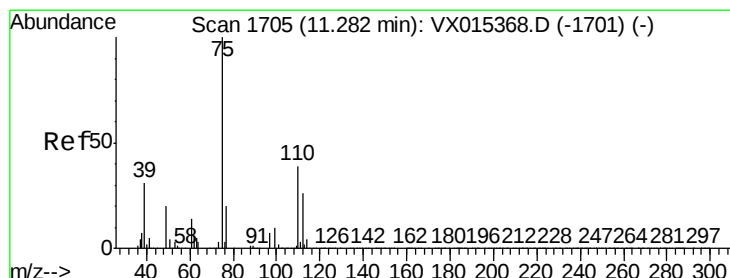
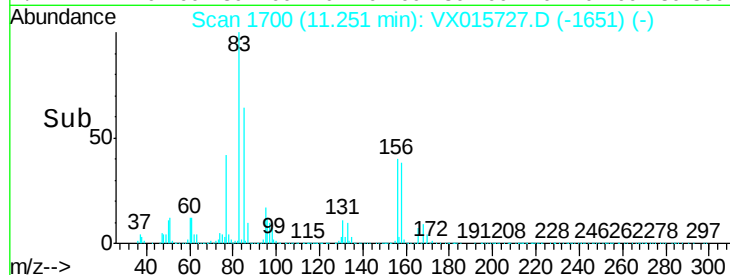
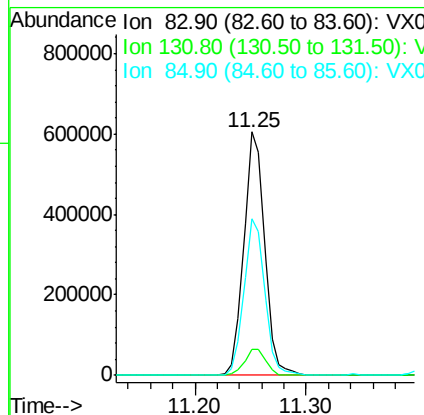
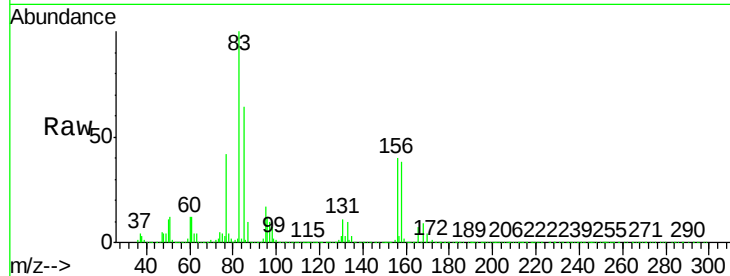
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	83	Resp:	783503
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	64.6	32.0	96.0

Manual Integrations
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MMDadoda
4/17/2020 11:55:14 AM



#76

1,2,3-Trichloropropane

Concen: 43.746 ug/l m

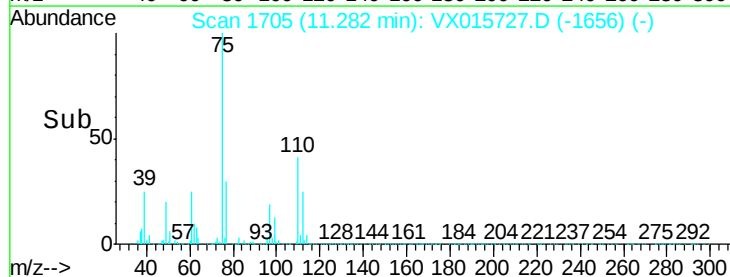
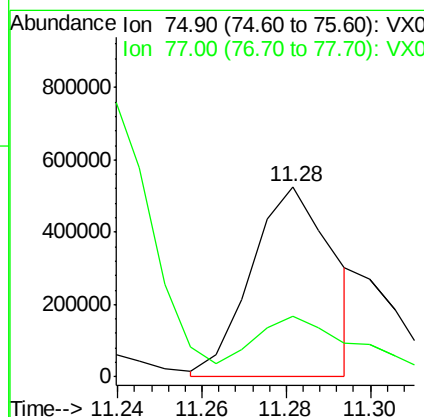
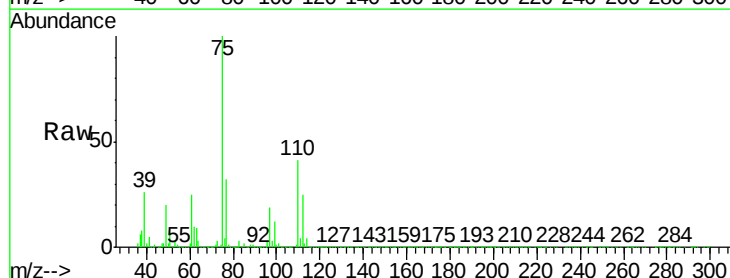
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	75	Resp:	711880
Ion Ratio	Lower	Upper	
75	100		
77	40.4	21.2	63.6





#77

Bromobenzene

Concen: 49.050 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

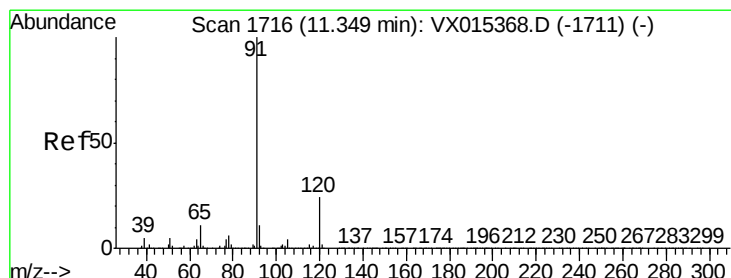
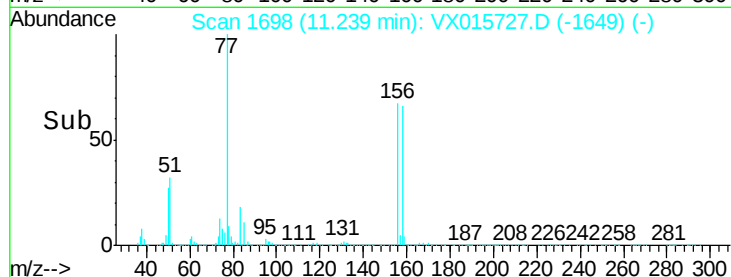
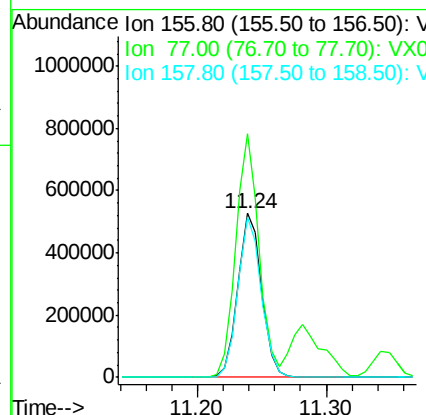
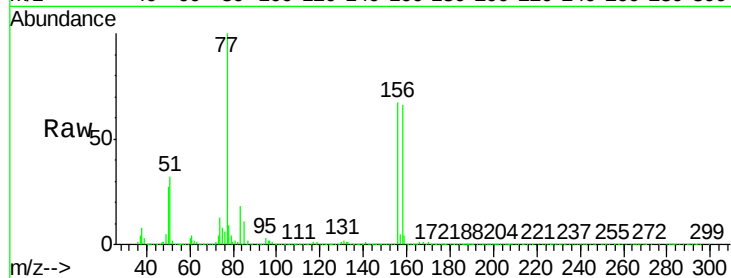
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	156	Resp:	678379
Ion Ratio	Lower	Upper	
156	100		
77	145.1	82.2	246.5
158	96.3	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 46.286 ug/l

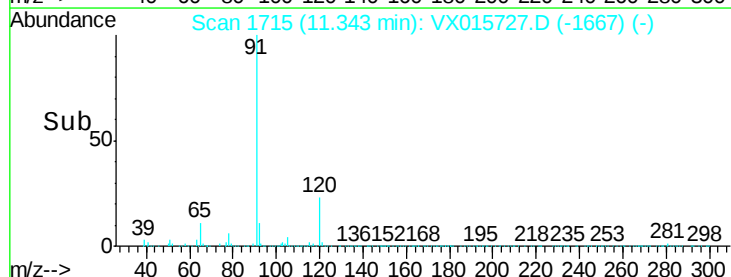
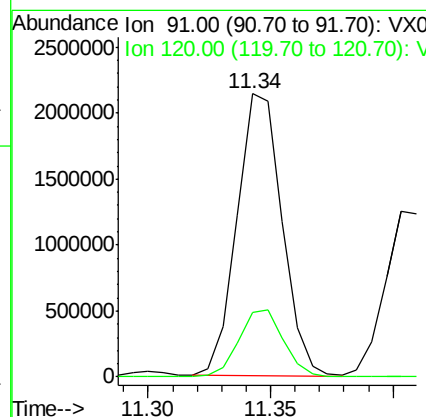
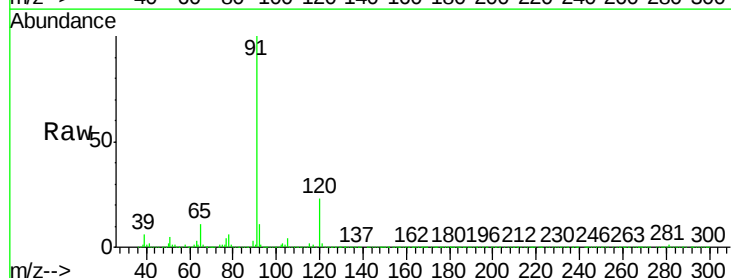
RT: 11.34 min Scan# 1715

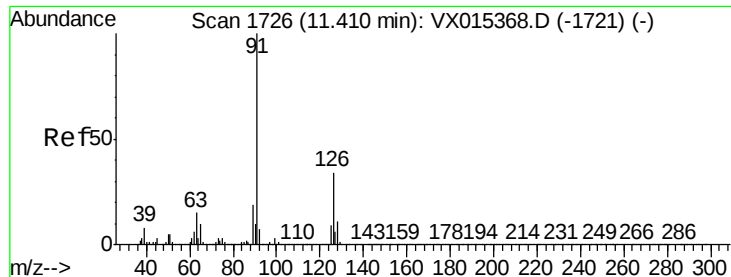
Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	91	Resp:	2744237
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





#79

2-Chlorotoluene

Concen: 45.395 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion: 91 Resp: 1649654

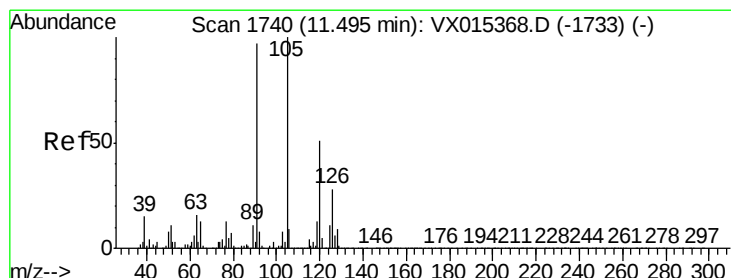
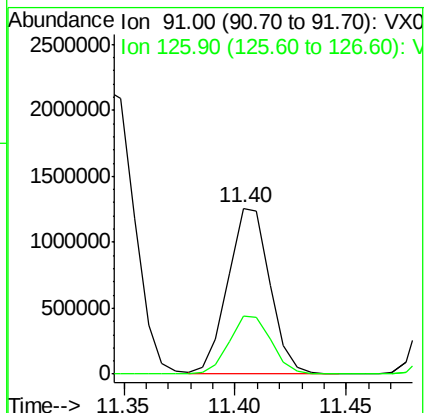
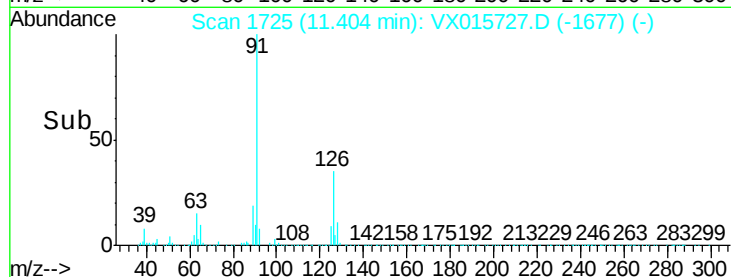
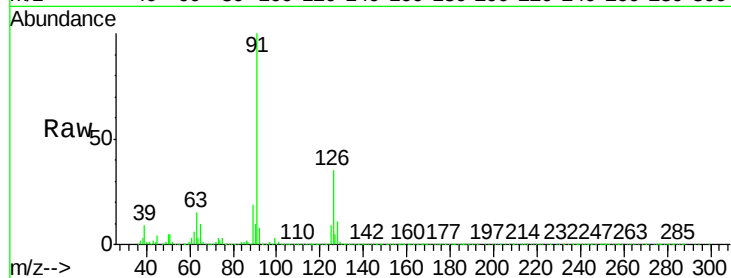
Ion Ratio Lower Upper

91 100

126 35.3 16.5 49.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 46.708 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015727.D

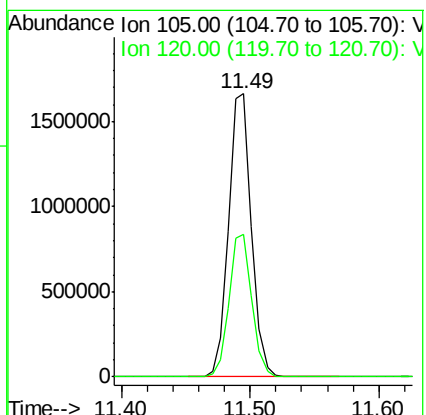
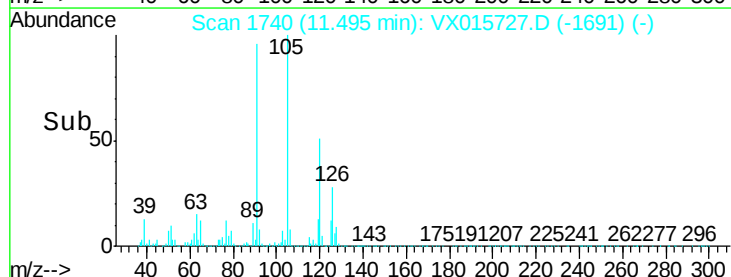
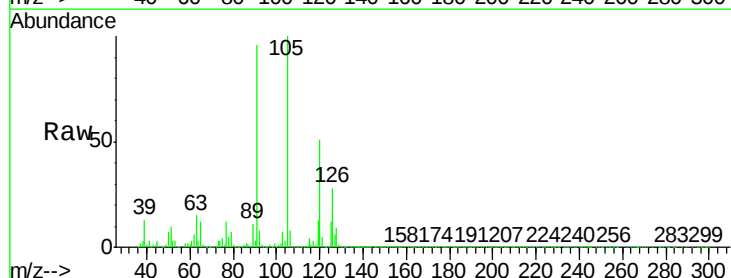
Acq: 16 Apr 2020 20:54

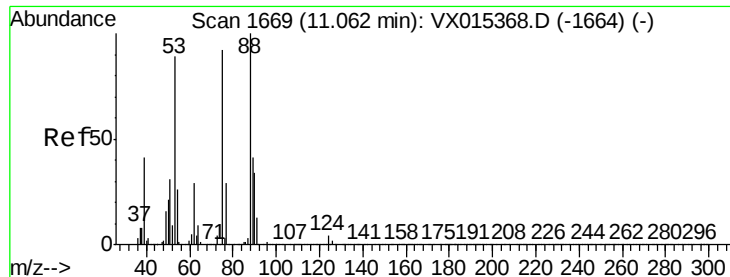
Tgt Ion:105 Resp: 2068281

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4





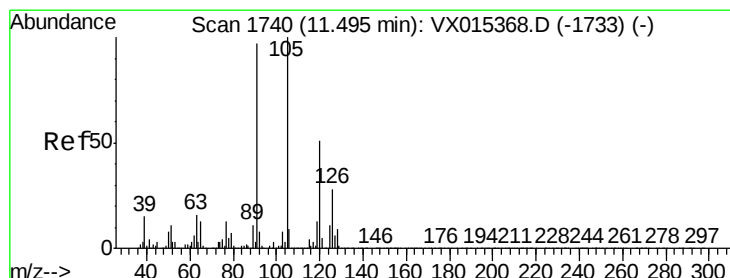
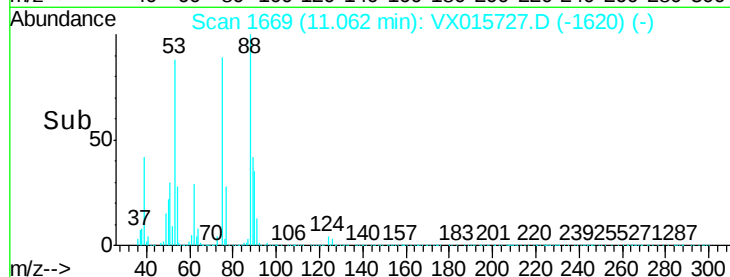
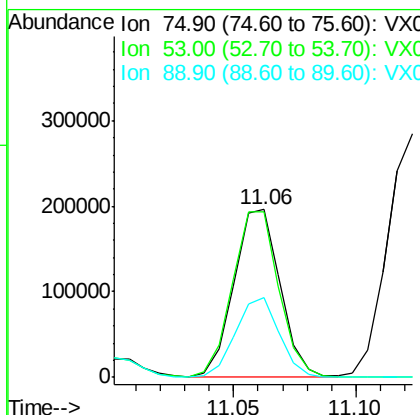
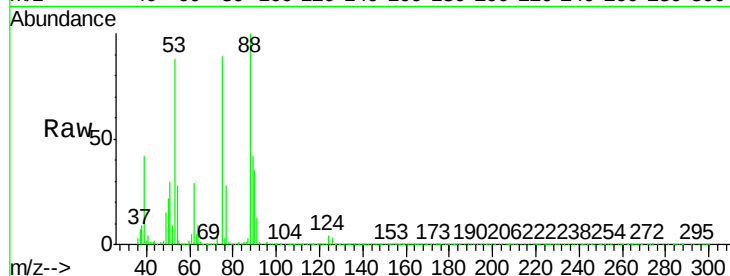
#81
trans-1,4-Dichloro-2-butene
Concen: 37.383 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	80.1	120.1
89	46.0	36.1	54.1

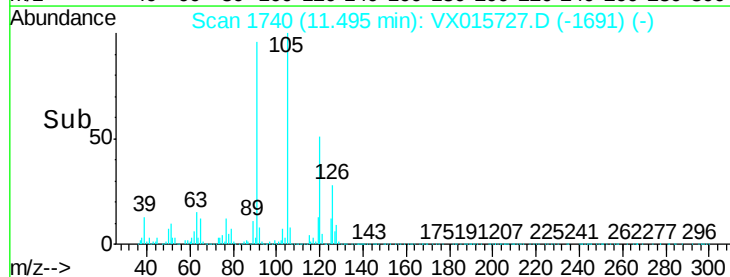
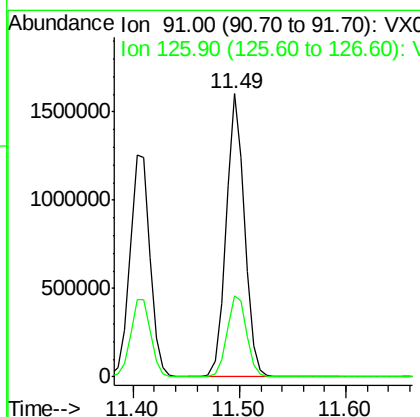
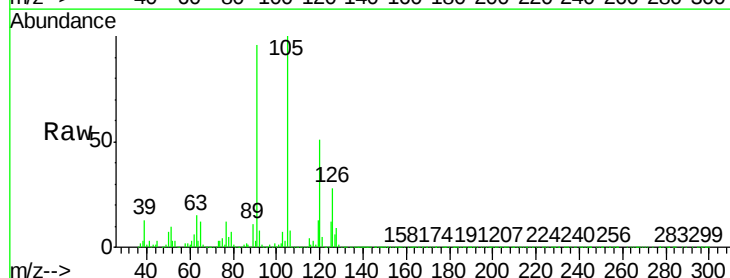
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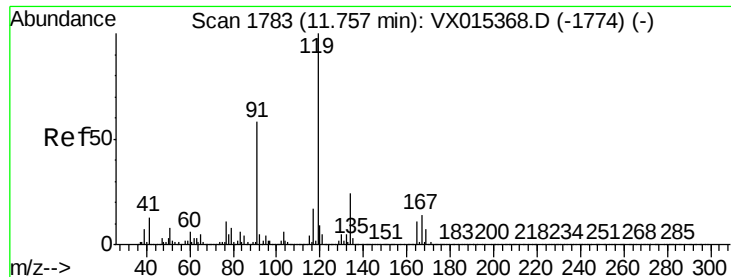
MMDadoda
4/17/2020 11:55:14 AM



#82
4-Chlorotoluene
Concen: 45.270 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.7	44.1





#83

tert-Butylbenzene

Concen: 47.446 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

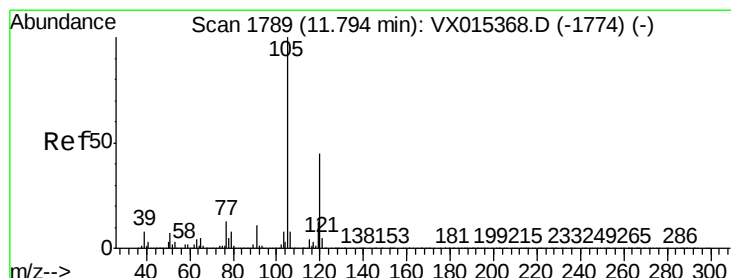
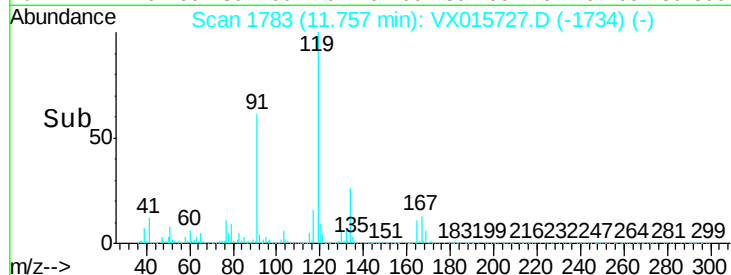
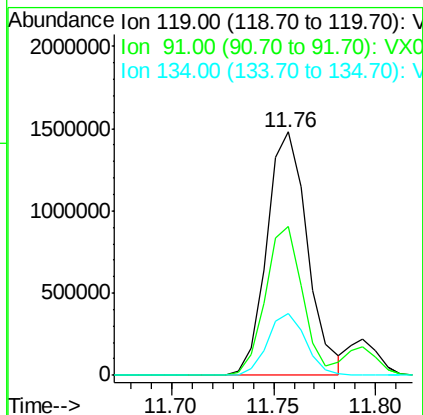
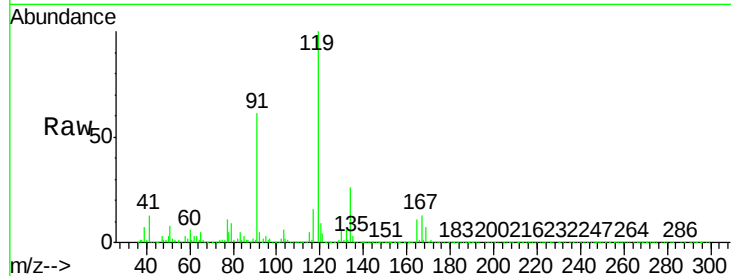
ClientSampleId :

SS042MW032-200413MSD

Tot Ion:	119	Resp:	2052195
Ion	Ratio	Lower	Upper
119	100		
91	55.8	28.6	85.8
134	23.8	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.719 ug/l

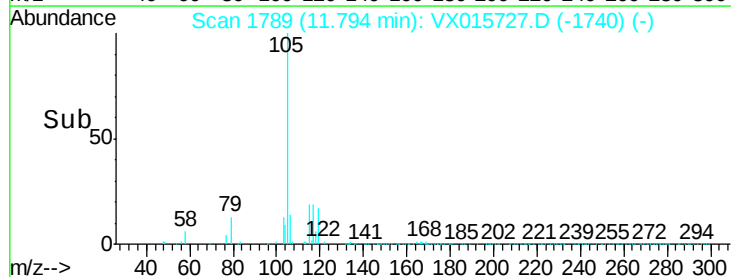
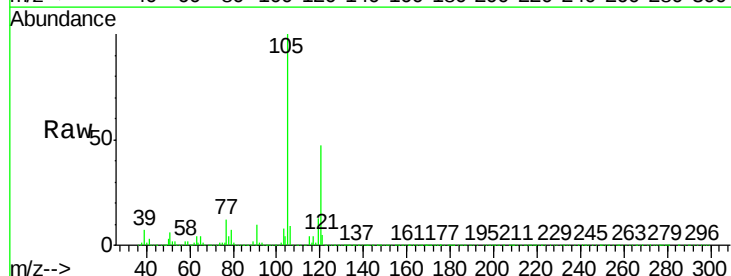
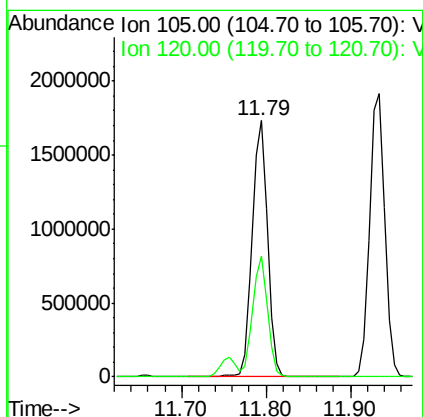
RT: 11.79 min Scan# 1789

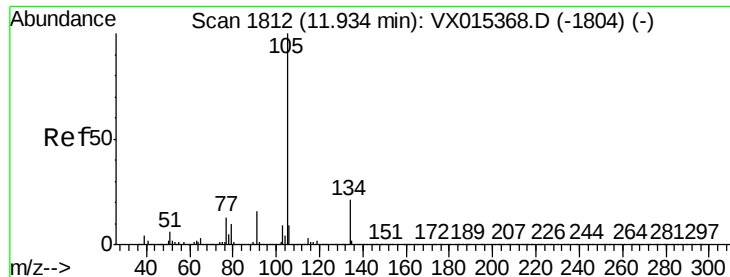
Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Tgt Ion:	105	Resp:	2108176
Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 48.015 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion:105 Resp: 2401905

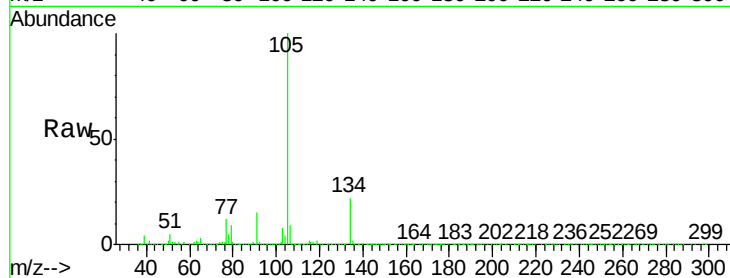
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1

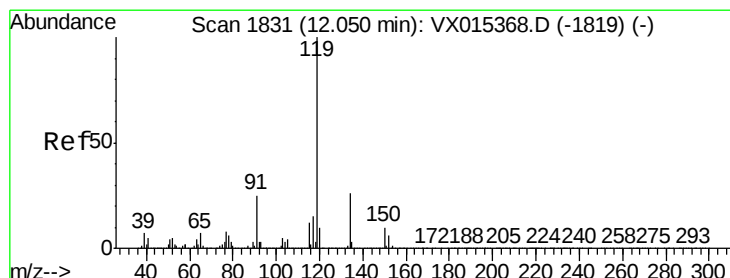
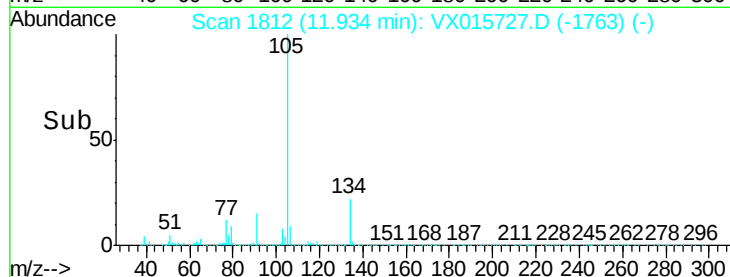
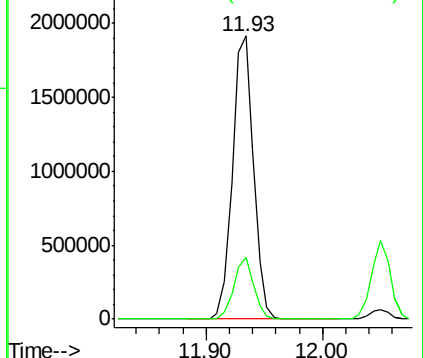
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.803 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

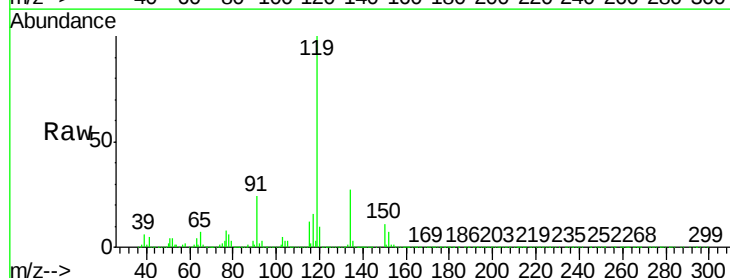
Tgt Ion:119 Resp: 2266420

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

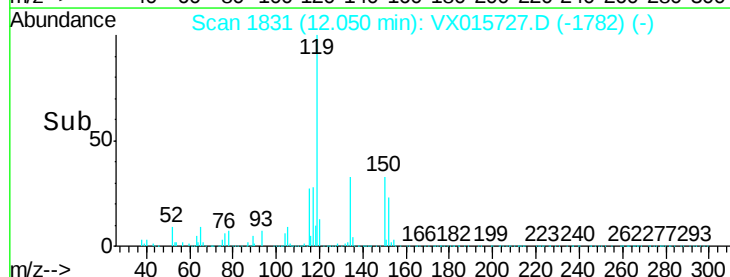
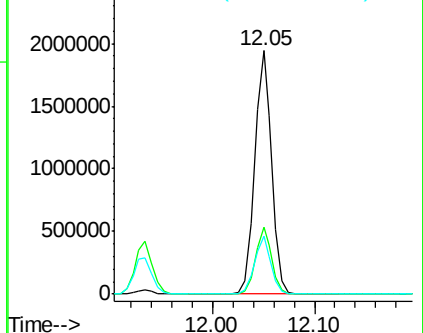
91 22.8 12.4 37.4

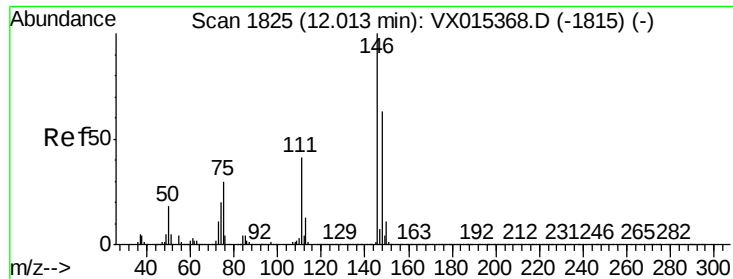


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





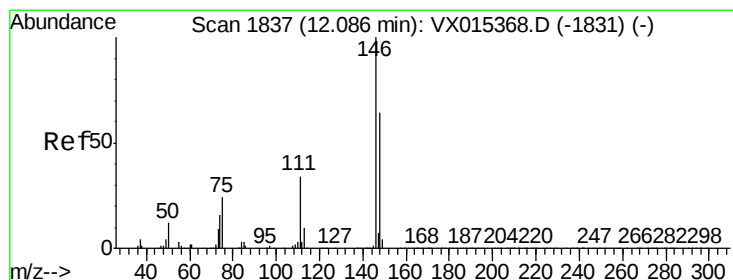
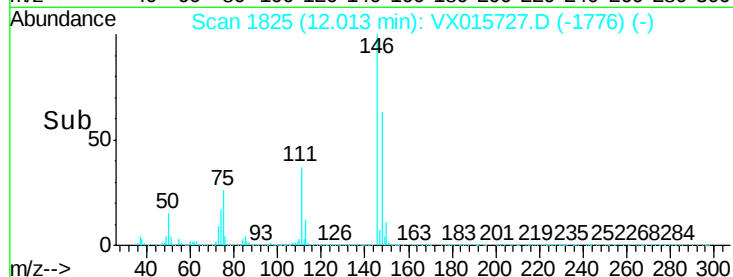
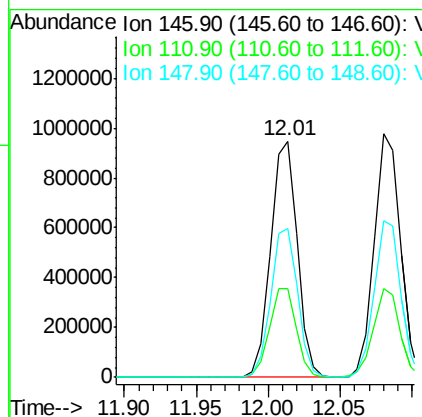
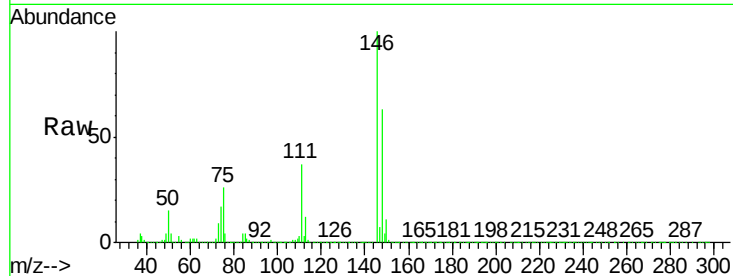
#87
 1,3-Dichlorobenzene
 Concen: 48.942 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MSD

Tot Ion:146 Resp: 1211760
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.3 60.9
 148 63.5 31.3 93.9

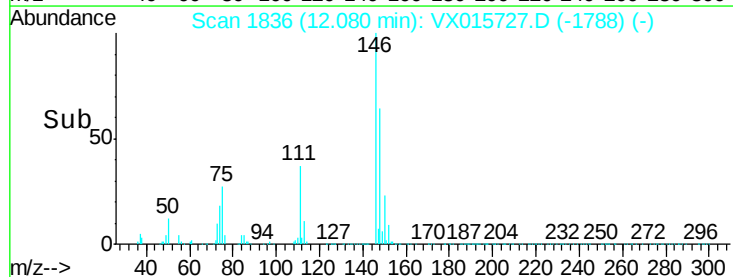
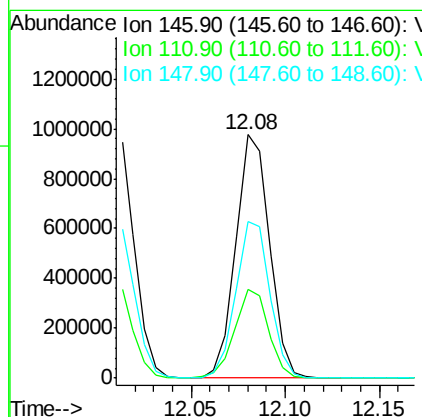
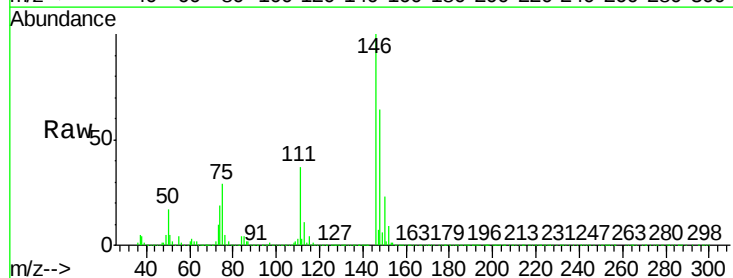
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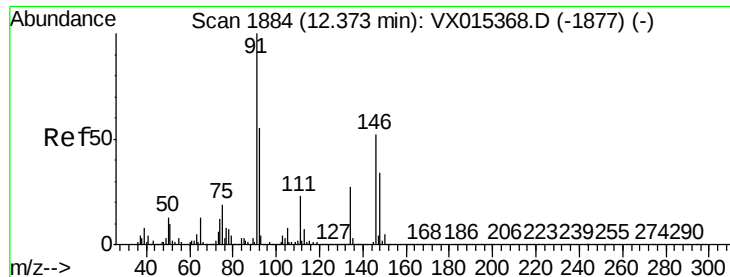
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 4/17/2020 11:55:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.027 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015727.D
 Acq: 16 Apr 2020 20:54

Tgt Ion:146 Resp: 1211207
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.5
 148 65.3 32.4 97.2





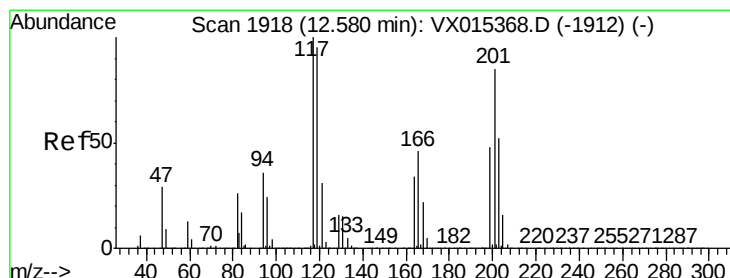
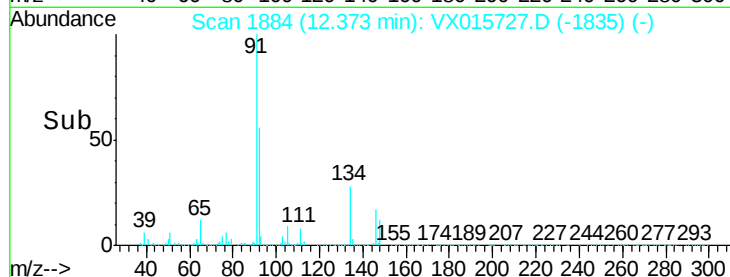
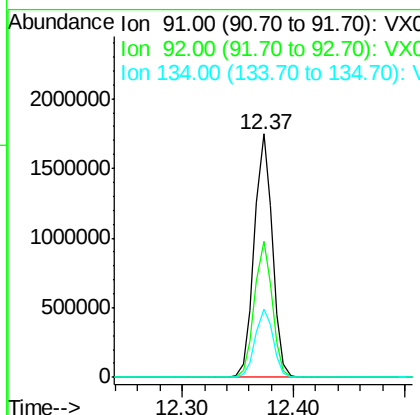
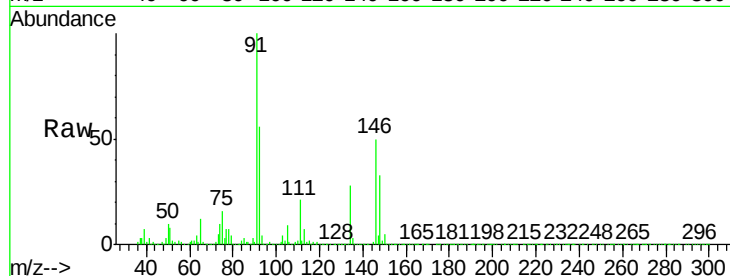
#89
n-Butylbenzene
Concen: 46.923 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	28.1	13.4	40.2

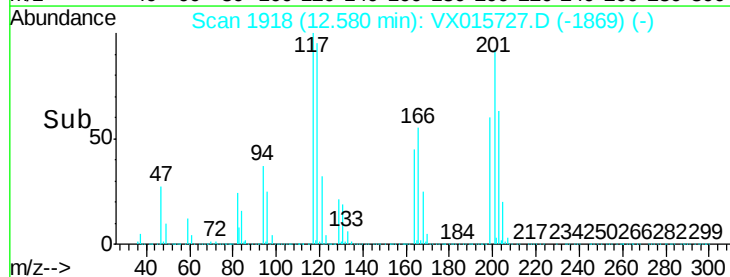
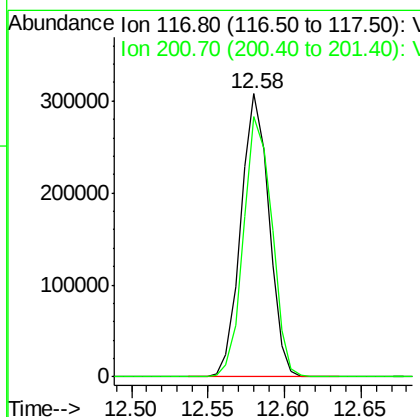
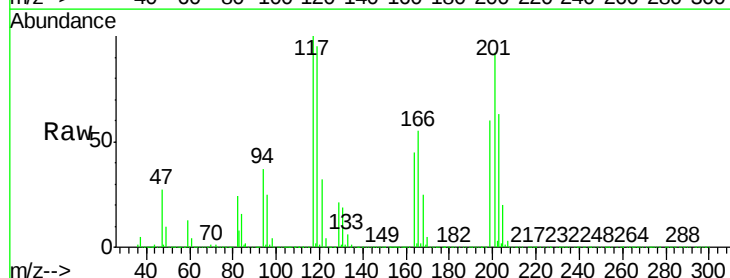
Manual Integrations
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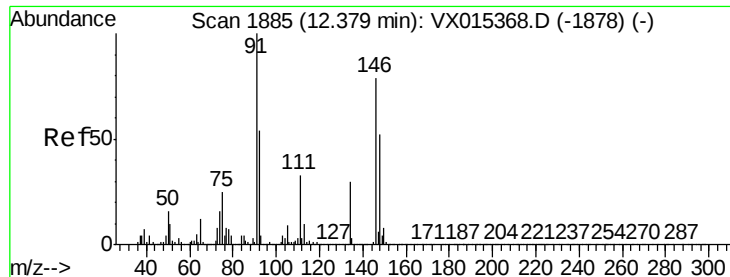
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#90
Hexachloroethane
Concen: 43.348 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	42.6	128.0





#91

1,2-Dichlorobenzene

Concen: 48.965 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MSD

Tot Ion:146 Resp: 1186433

Ion Ratio Lower Upper

146 100

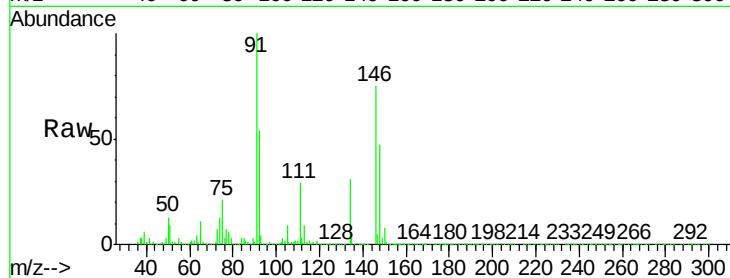
111 39.1 21.0 63.0

148 64.5 32.4 97.0

Manual Integrations
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4/17/2020 11:55:14 AM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

1200000

1000000

800000

600000

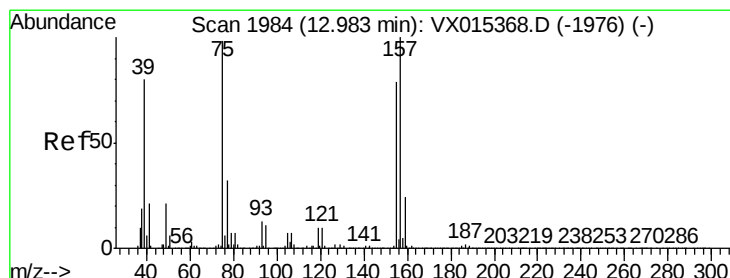
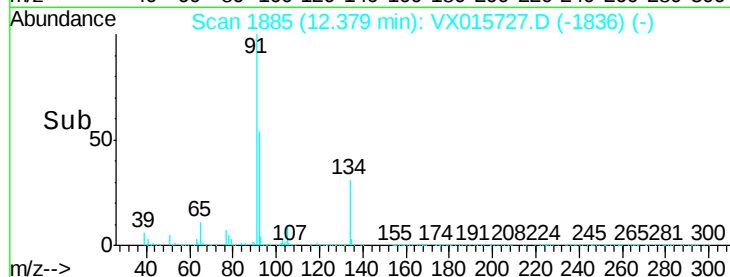
400000

200000

0

12.30 12.40 12.50

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 37.378 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015727.D

Acq: 16 Apr 2020 20:54

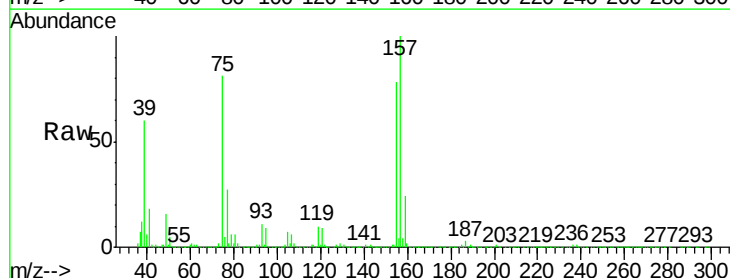
Tgt Ion: 75 Resp: 187695

Ion Ratio Lower Upper

75 100

155 96.4 42.8 128.4

157 124.2 53.4 160.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

250000

200000

150000

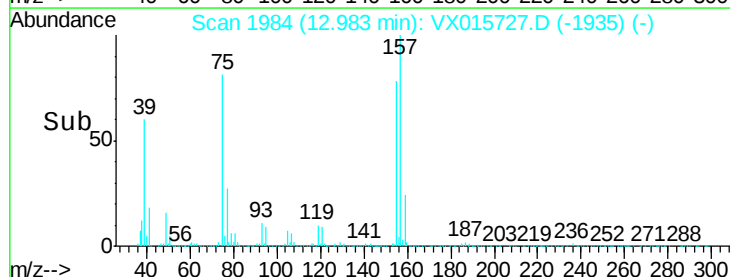
100000

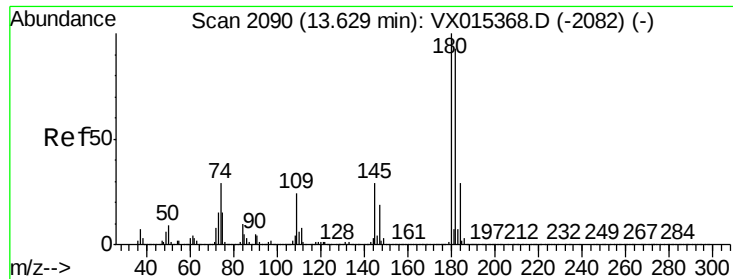
50000

0

12.90 12.95 13.00

Time-->





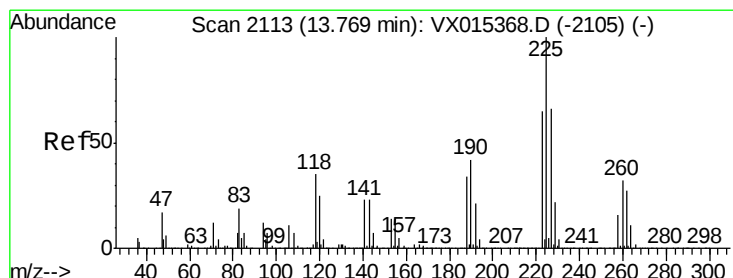
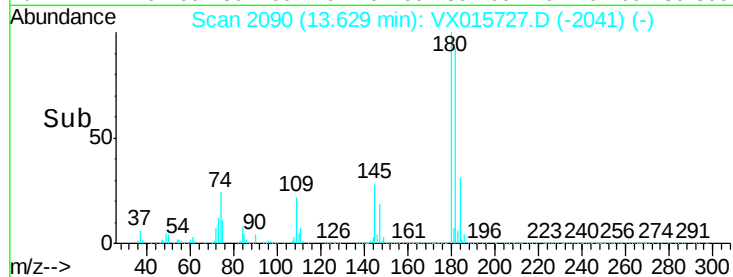
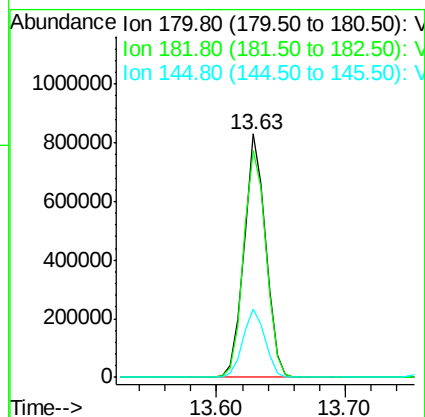
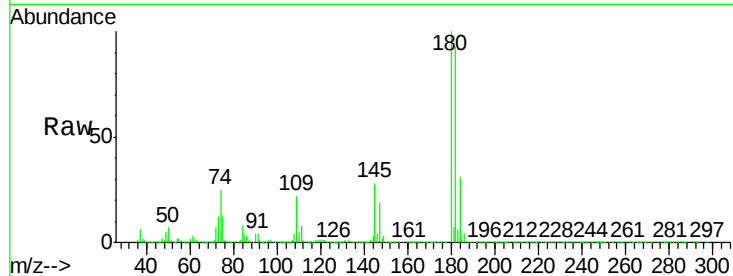
#93
1,2,4-Trichlorobenzene
Concen: 49.883 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	956056		
182	97.0	46.9	140.7	
145	28.6	14.9	44.5	

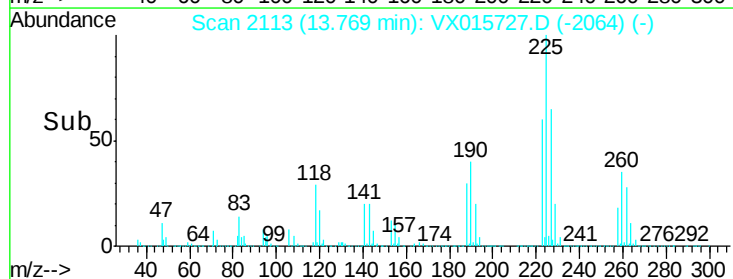
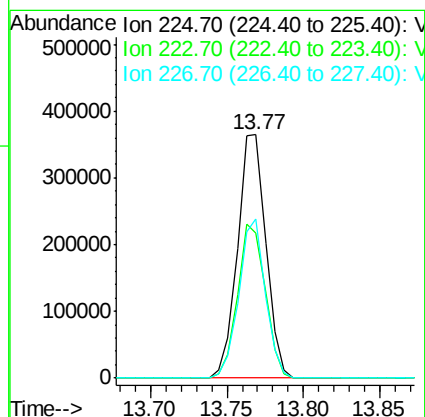
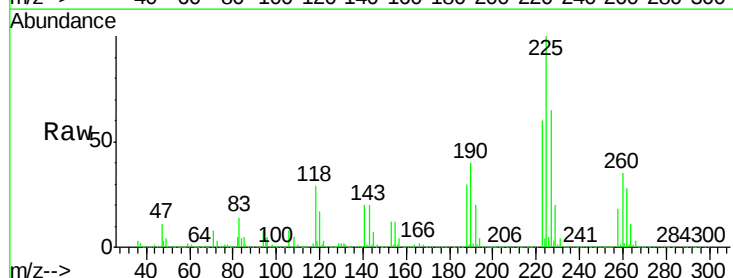
Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:14 AM



#94
Hexachlorobutadiene
Concen: 51.290 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	468026		
223	62.2	31.9	95.7	
227	61.3	30.4	91.3	





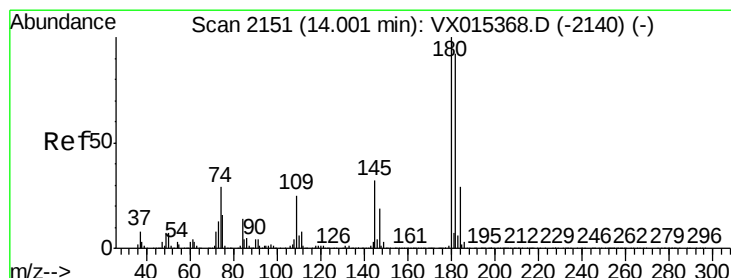
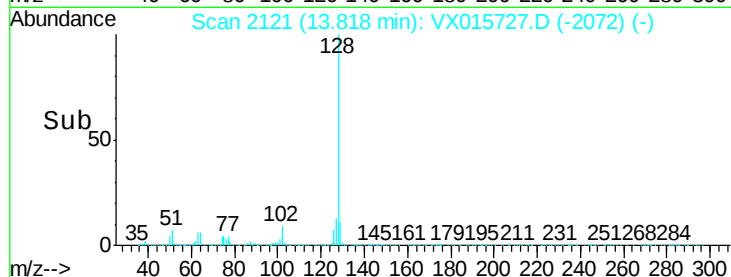
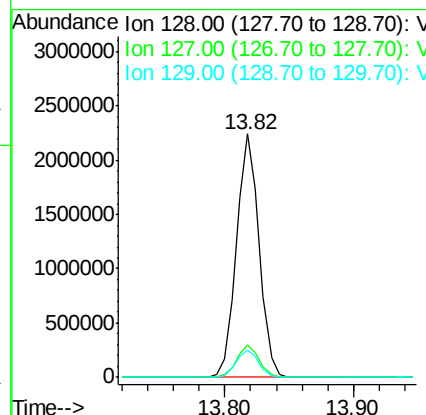
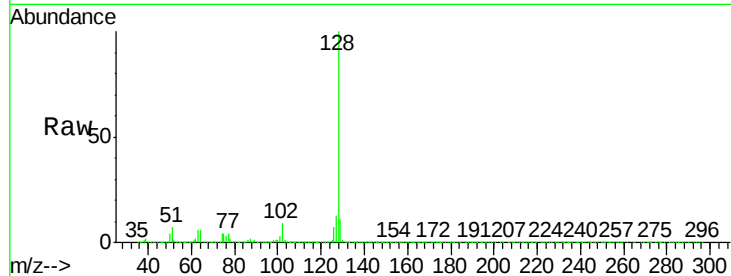
#95
Naphthalene
Concen: 47.086 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.268 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015727.D
Acq: 16 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.7	140.0
145	29.5	15.8	47.3

