

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061470.D
 Acq On : 1 Apr 2019 15:59
 Operator : VA/AP
 Sample : K2184-02
 Misc : 3.93g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-002

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.865	38	45	51	rVB4	7405	24583	1.03%	0.144%
2	1.973	53	56	70	rVB	12945	47541	2.00%	0.278%
3	3.223	177	183	192	rBV	24150	75062	3.16%	0.439%
4	3.834	238	245	259	rBV	74122	246479	10.37%	1.440%
5	4.720	327	335	341	rVB2	10685	38323	1.61%	0.224%
6	6.147	470	480	493	rBV	150681	512509	21.56%	2.995%
7	6.925	555	559	565	rBV	10226	28206	1.19%	0.165%
8	7.053	565	572	588	rVV	562212	1722223	72.45%	10.064%
9	7.456	605	613	631	rBB2	275852	836353	35.19%	4.888%
10	8.224	684	691	711	rBV	816539	2251921	94.74%	13.160%
11	8.972	761	767	774	rBV	441743	1100526	46.30%	6.431%
12	10.410	907	913	920	rBV	1005161	2349547	98.84%	13.730%
13	10.508	920	923	932	rVB	30343	75511	3.18%	0.441%
14	11.227	992	996	1001	rBV	10261	25281	1.06%	0.148%
15	11.611	1031	1035	1038	rBV	132479	256086	10.77%	1.497%
16	11.670	1038	1041	1049	rVB	143641	284195	11.96%	1.661%
17	12.359	1107	1111	1121	rVB	1273781	2377010	100.00%	13.891%
18	13.304	1203	1207	1213	rVB	125461	179293	7.54%	1.048%
19	13.550	1229	1232	1240	rBV	1107179	1603541	67.46%	9.371%
20	13.707	1245	1248	1252	rVB	20985	29542	1.24%	0.173%
21	13.954	1269	1273	1275	rBV3	18811	27328	1.15%	0.160%
22	14.318	1307	1310	1313	rVB	28763	33780	1.42%	0.197%
23	14.416	1317	1320	1322	rBV	121744	147929	6.22%	0.864%
24	14.515	1327	1330	1334	rBV	1613624	1991013	83.76%	11.635%
25	14.682	1343	1347	1354	rBV	273296	398026	16.74%	2.326%
26	15.027	1378	1382	1388	rBV3	11533	27760	1.17%	0.162%
27	15.115	1388	1391	1393	rVB2	18801	26870	1.13%	0.157%
28	15.194	1397	1399	1402	rVV2	40676	51544	2.17%	0.301%
29	15.243	1402	1404	1406	rVV	14910	24172	1.02%	0.141%
30	15.283	1406	1408	1411	rVB	275341	284980	11.99%	1.665%
31	15.932	1472	1474	1479	rBV	25204	34895	1.47%	0.204%

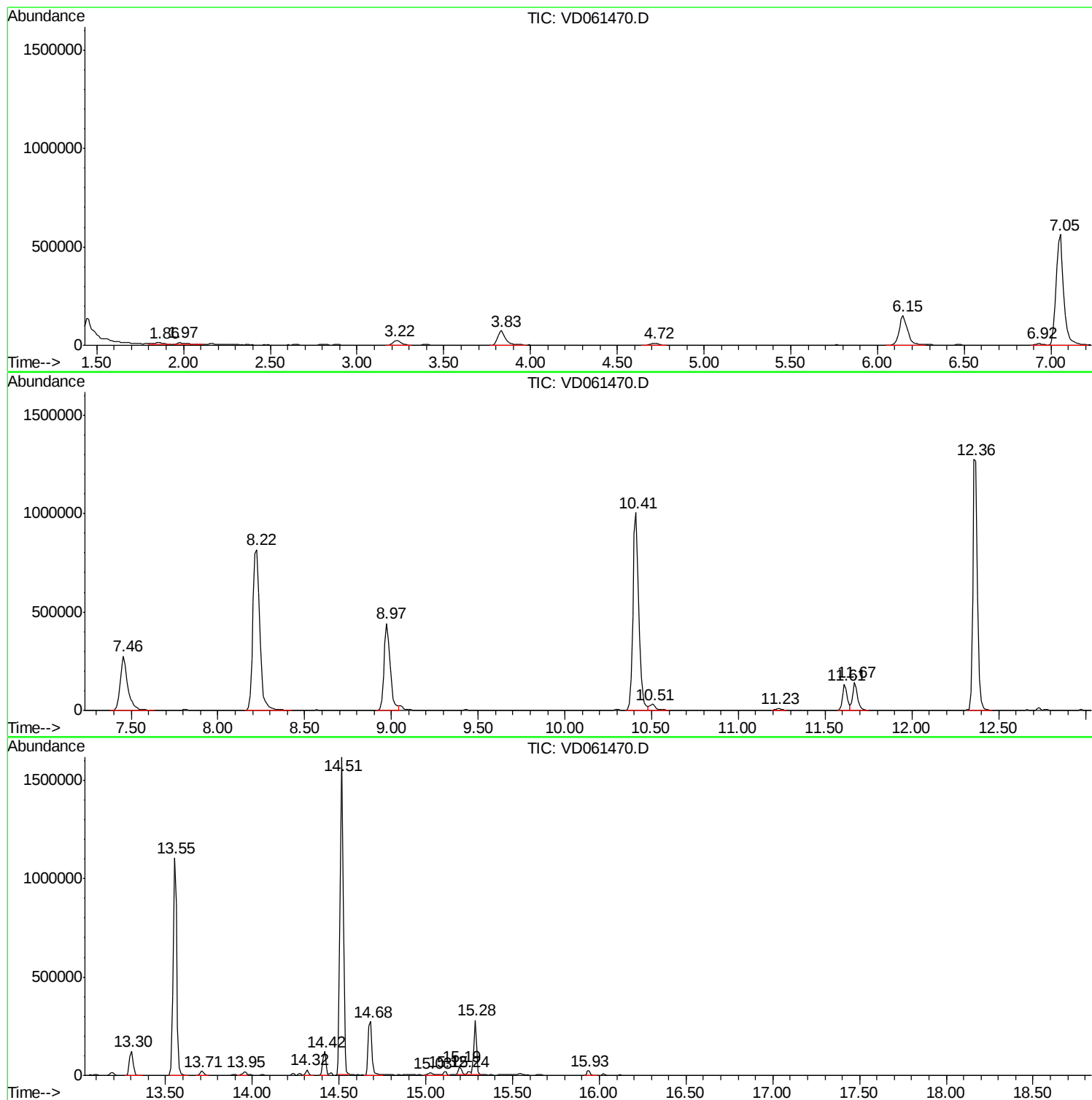
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Instrument :
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ClientSampleId :
FK-0D015-03-002

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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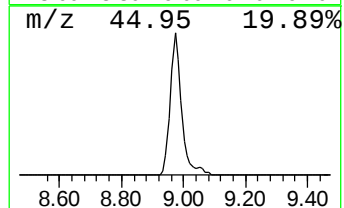
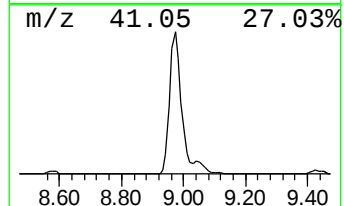
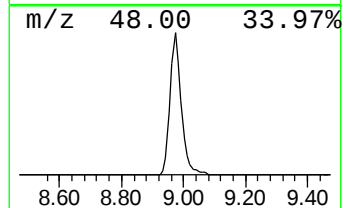
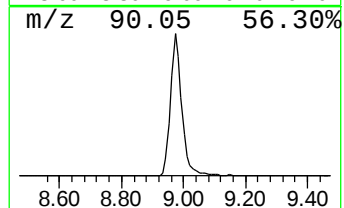
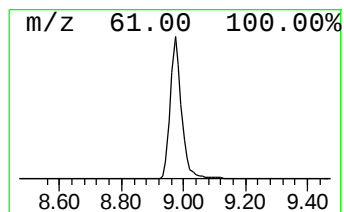
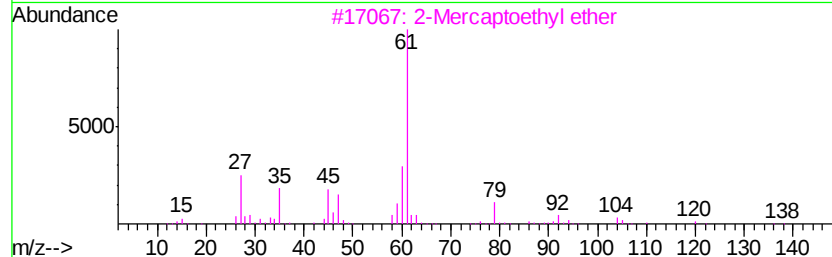
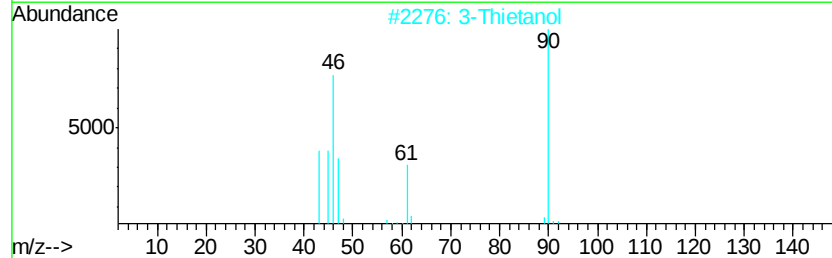
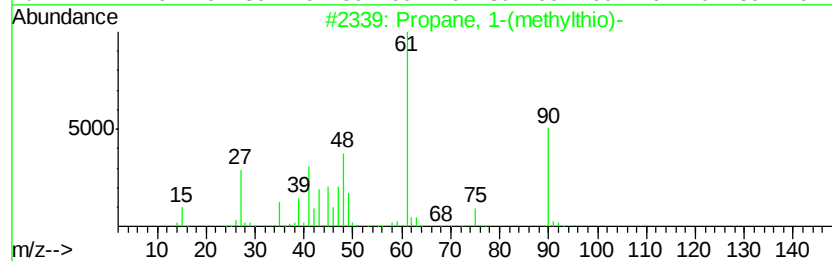
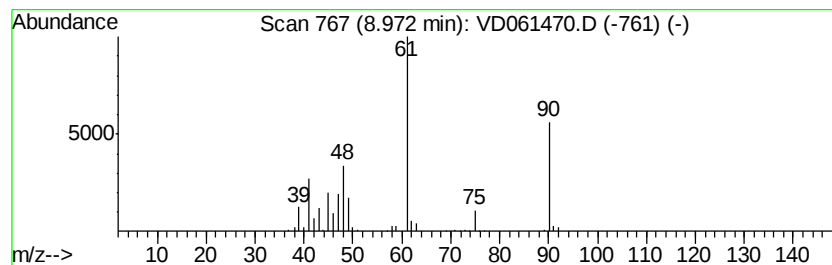
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1-(methylthio)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	24.44 ug/l	1100530	1,4-Difluorobenzene	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	94
2		3-Thietanol	90	C3H6OS	010304-16-2	38
3		2-Mercaptoethyl ether	138	C4H10OS2	002150-02-9	28
4		Ethane, (methylthio)-	76	C3H8S	000624-89-5	25
5		Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25



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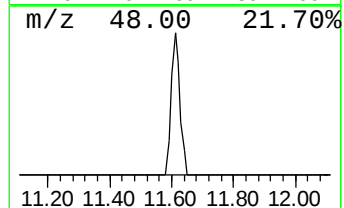
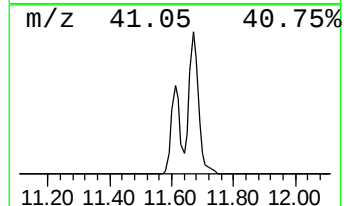
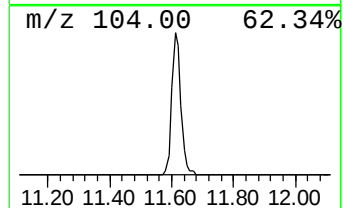
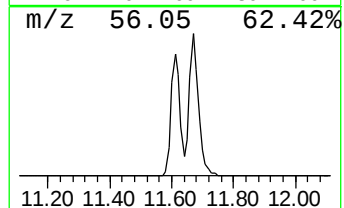
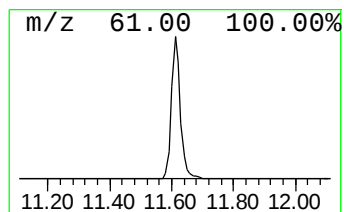
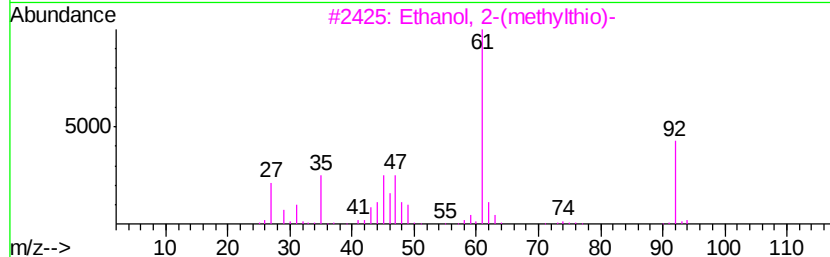
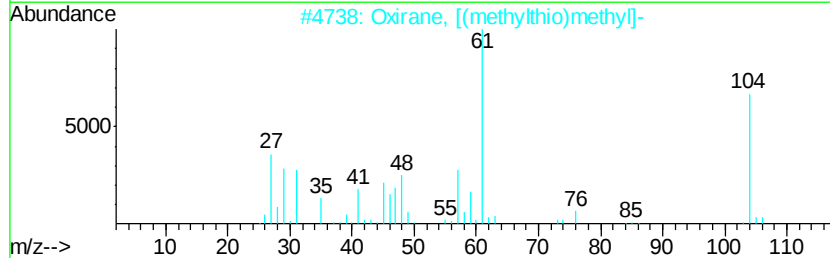
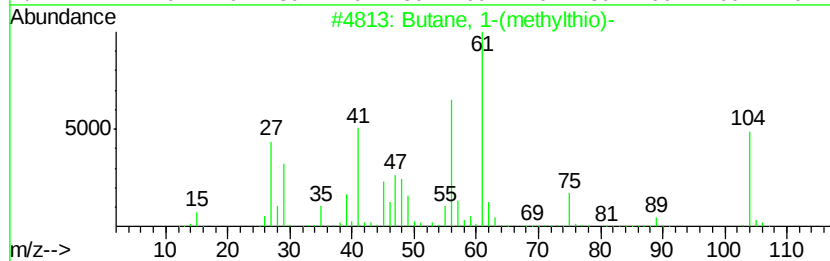
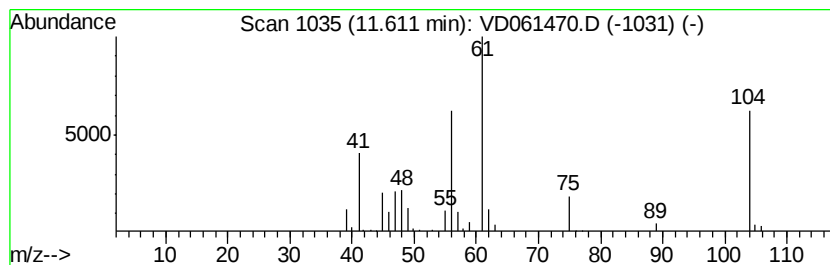
Instrument :
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ClientSampleId :
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Peak Number 3 Butane, 1-(methylthio)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.61	5.39 ug/l	256086	Chlorobenzene-d5	12.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 1-(methylthio)-	104	C5H12S	000628-29-5	94
2		Oxirane, [(methylthio)methyl]-	104	C4H8OS	045378-62-9	52
3		Ethanol, 2-(methylthio)-	92	C3H8OS	005271-38-5	50
4		Propane, 2-methyl-1-(methylthio)-	104	C5H12S	005008-69-5	40
5		Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	28



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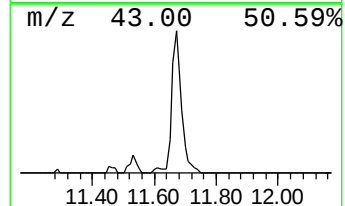
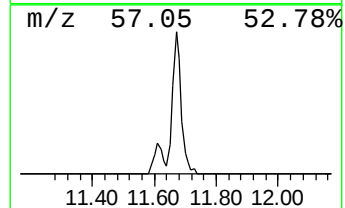
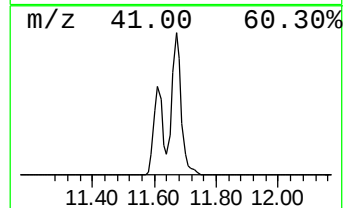
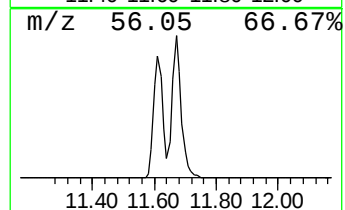
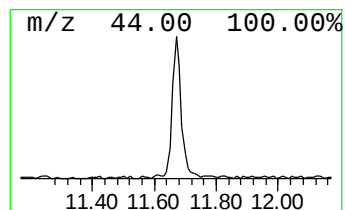
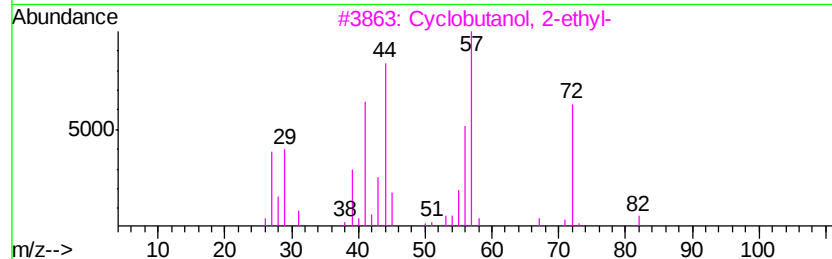
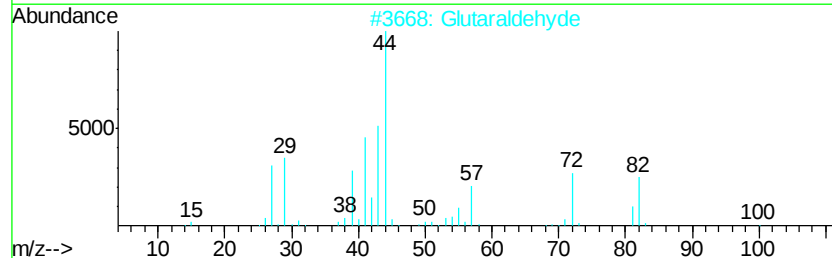
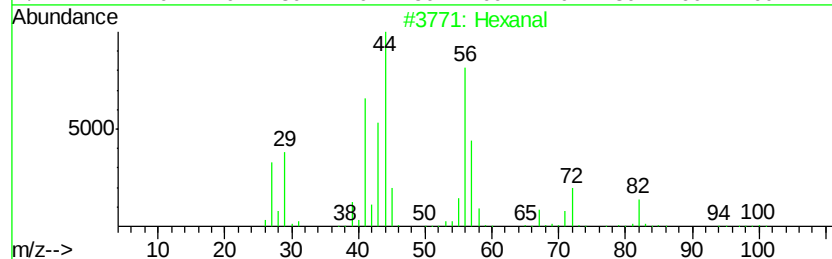
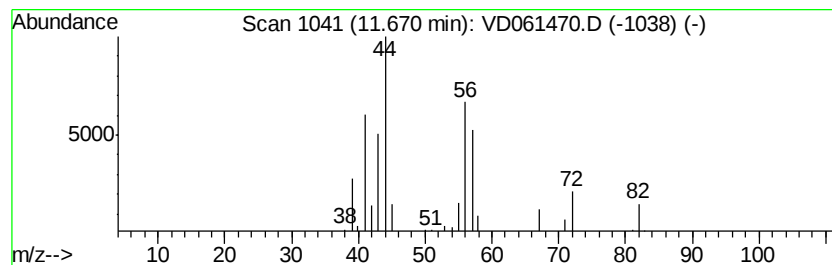
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.67	5.98 ug/l	284195	Chlorobenzene-d5	12.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Glutaraldehyde	100	C5H8O2	000111-30-8	40
3	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	39
4	1,5-Pentanediol	104	C5H12O2	000111-29-5	25
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	14



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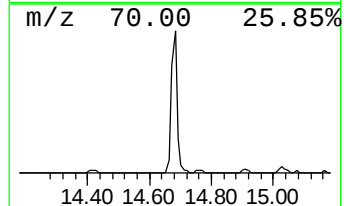
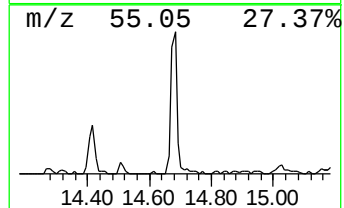
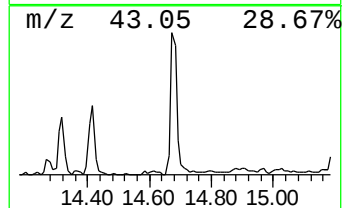
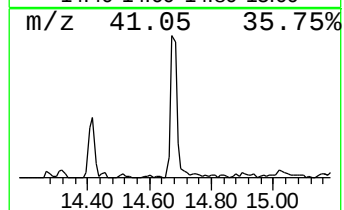
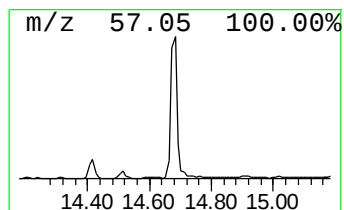
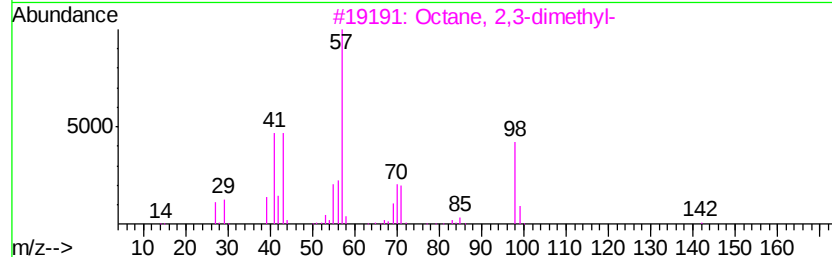
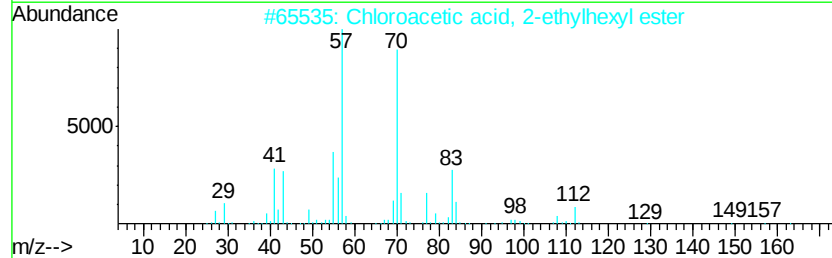
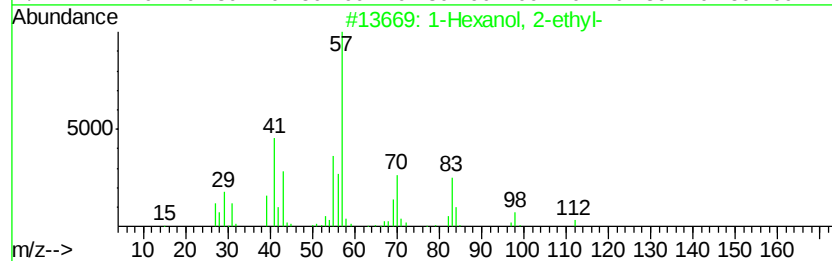
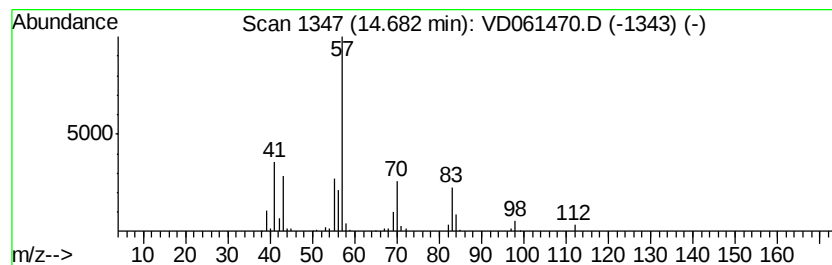
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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	10.00 ug/l	398026	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7 90
2		Chloroacetic acid, 2-ethylhexyl ...	206 C10H19ClO2	005345-58-4 53
3		Octane, 2,3-dimethyl-	142 C10H22	007146-60-3 50
4		Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1 50
5		1-Pentanol, 2-ethyl-4-methyl-	130 C8H18O	000106-67-2 45



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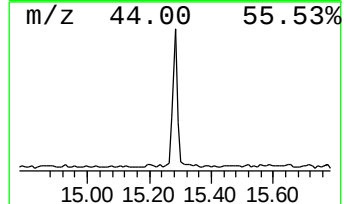
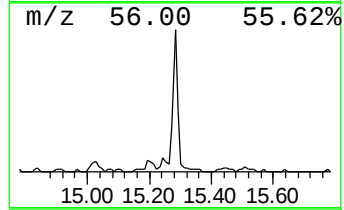
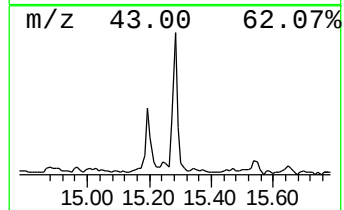
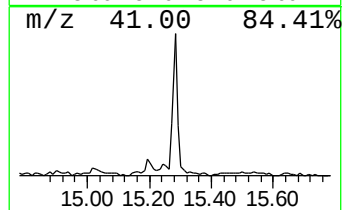
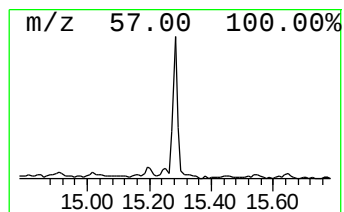
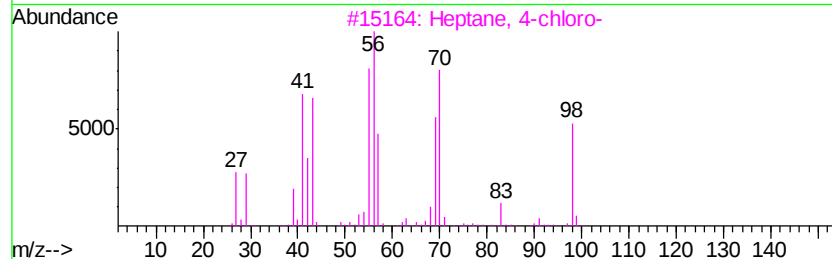
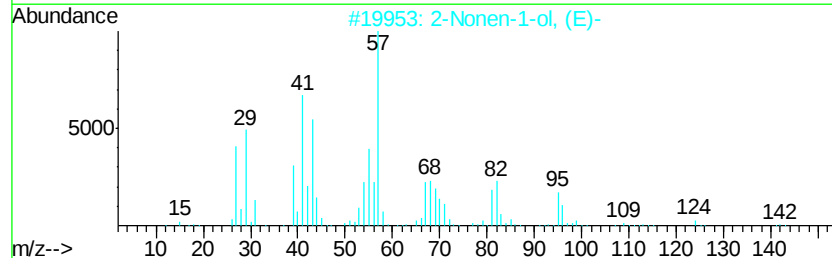
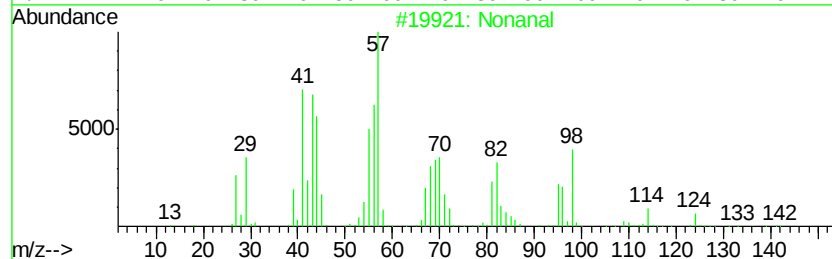
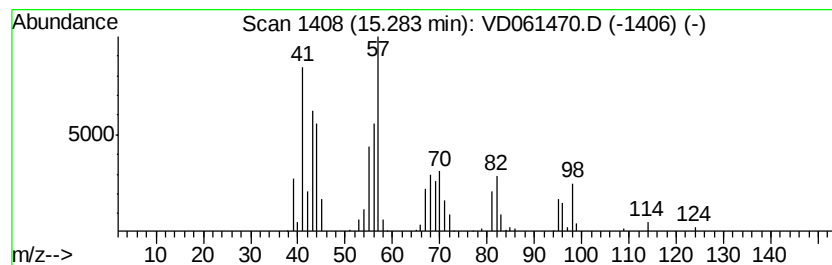
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Peak Number 6 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	7.16 ug/l	284980	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 86
2	2-Nonen-1-ol, (E)-		142 C9H18O	031502-14-4 35
3	Heptane, 4-chloro-		134 C7H15Cl	000998-95-8 27
4	Heptane, 2-chloro-		134 C7H15Cl	001001-89-4 27
5	(Z)-Hex-2-ene, 5-methyl-		98 C7H14	013151-17-2 27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1-(methy...	8.97	24.4	ug/l	1100530	2	8.22	2251920	50.0
Butane, 1-(methyl...	11.61	5.4	ug/l	256086	3	12.37	2377010	50.0
Hexanal	11.67	6.0	ug/l	284195	3	12.37	2377010	50.0
1-Hexanol, 2-ethyl-	14.68	10.0	ug/l	398026	4	14.51	1991010	50.0
Nonanal	15.28	7.2	ug/l	284980	4	14.51	1991010	50.0