

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001959.D
 Acq On : 12 Mar 2020 17:11
 Operator : SY/MD
 Sample : L1762-13
 Misc : 9.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-031220

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_Y\METHODS\82Y030420S.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	4.743	483	493	506	rBV2	18215	57094	1.40%	0.436%
2	7.011	854	865	877	rBV	29924	82819	2.04%	0.632%
3	7.736	971	984	990	rBV	127779	307170	7.55%	2.344%
4	7.809	990	996	1008	rVB	225054	497114	12.22%	3.794%
5	8.163	1044	1054	1066	rBV	132553	290579	7.14%	2.218%
6	8.705	1134	1143	1153	rBV	377705	734693	18.05%	5.607%
7	10.193	1379	1387	1391	rBV	569615	999393	24.56%	7.628%
8	10.254	1391	1397	1408	rVB	2390389	4069526	100.00%	31.059%
9	11.498	1594	1601	1611	rBV	503127	799771	19.65%	6.104%
10	11.601	1611	1618	1627	rBV	70349	119298	2.93%	0.911%
11	11.711	1627	1636	1646	rBV2	279999	557383	13.70%	4.254%
12	12.034	1678	1689	1697	rBV	118750	224167	5.51%	1.711%
13	12.491	1759	1764	1769	rBV	322508	489775	12.04%	3.738%
14	12.741	1799	1805	1809	rBV	75534	129412	3.18%	0.988%
15	12.815	1813	1817	1823	rVB2	225356	339305	8.34%	2.590%
16	12.979	1838	1844	1849	rBV	40334	76226	1.87%	0.582%
17	13.046	1851	1855	1860	rVV2	32660	51350	1.26%	0.392%
18	13.125	1860	1868	1873	rVV	158440	259364	6.37%	1.980%
19	13.327	1896	1901	1905	rVB3	31860	46353	1.14%	0.354%
20	13.369	1905	1908	1912	rVV2	28282	42376	1.04%	0.323%
21	13.436	1912	1919	1928	rVV2	389353	712503	17.51%	5.438%
22	13.631	1947	1951	1955	rBV2	34612	43319	1.06%	0.331%
23	13.674	1955	1958	1966	rVB3	38246	71702	1.76%	0.547%
24	13.759	1966	1972	1977	rBV	210685	304487	7.48%	2.324%
25	13.924	1996	1999	2004	rVB5	33372	49906	1.23%	0.381%
26	13.979	2004	2008	2013	rVB2	44775	62624	1.54%	0.478%
27	14.089	2021	2026	2031	rBV3	39004	65037	1.60%	0.496%
28	14.198	2039	2044	2050	rBV	185153	281833	6.93%	2.151%
29	14.393	2072	2076	2079	rBV	33185	46085	1.13%	0.352%
30	14.619	2109	2113	2118	rVV	165439	225766	5.55%	1.723%
31	14.692	2118	2125	2129	rVV2	58186	127770	3.14%	0.975%
32	14.741	2129	2133	2140	rVB2	55813	90210	2.22%	0.688%
33	14.845	2147	2150	2159	rVB5	25128	49979	1.23%	0.381%
34	15.058	2180	2185	2190	rBV4	23832	50286	1.24%	0.384%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SW846 8260

35	15.143	2197	2199	2206	rVB4	30397	47794	1.17%	0.365%
36	15.223	2206	2212	2221	rBV2	49944	113562	2.79%	0.867%
37	15.448	2244	2249	2257	rVB	105944	162997	4.01%	1.244%
38	15.540	2258	2264	2271	rVB10	15840	45759	1.12%	0.349%
39	15.905	2318	2324	2333	rVB	106736	188583	4.63%	1.439%
40	16.040	2340	2346	2352	rBV9	16940	43274	1.06%	0.330%
41	16.302	2384	2389	2396	rVV2	23754	47242	1.16%	0.361%
42	16.375	2396	2401	2406	rVB	28744	47666	1.17%	0.364%
43	16.503	2416	2422	2430	rBV6	17927	50912	1.25%	0.389%

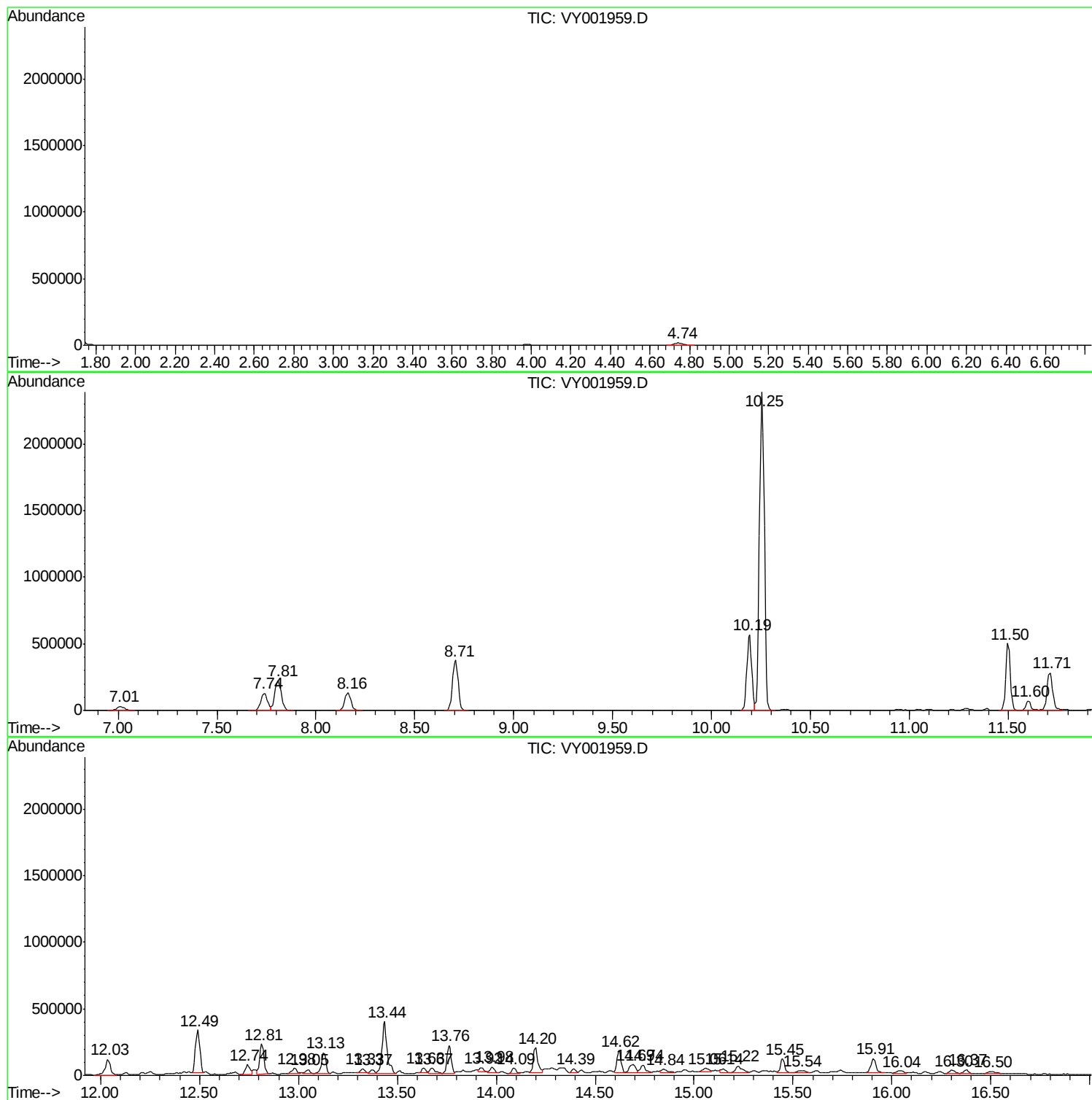
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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



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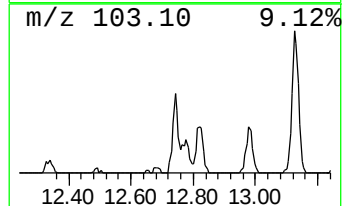
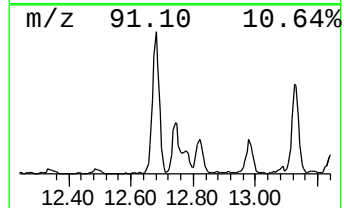
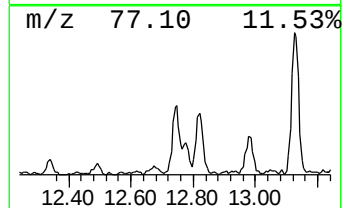
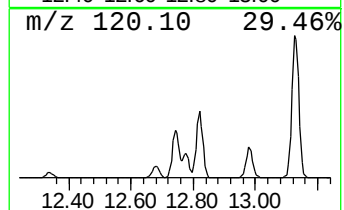
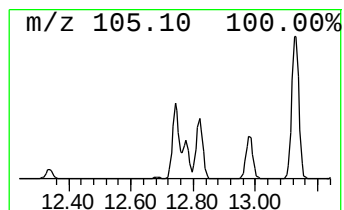
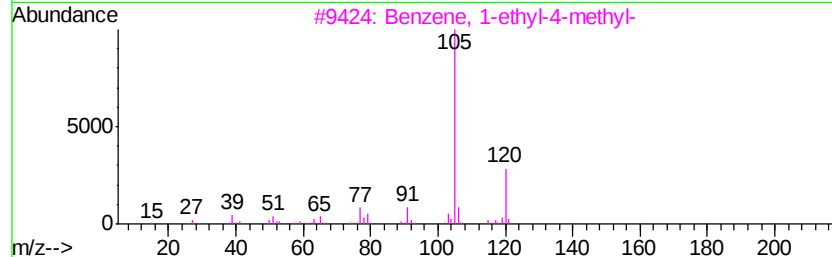
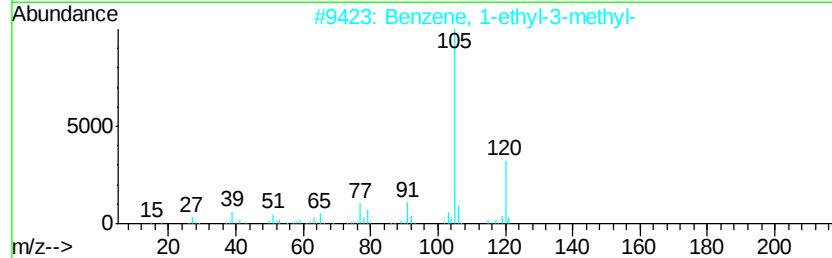
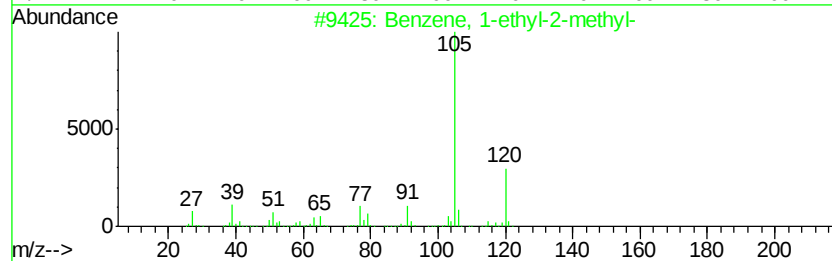
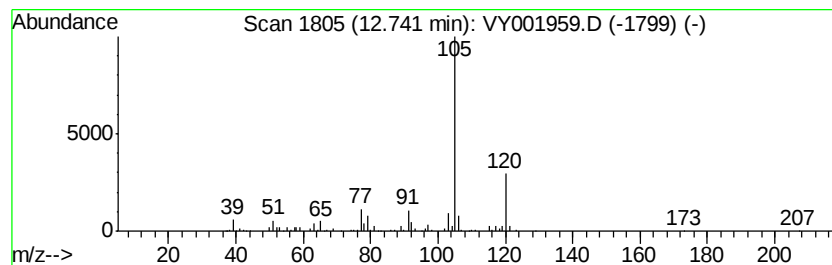
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	9.08 ug/l	129412	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Mesitylene	120	C9H12	000108-67-8	90



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-031220

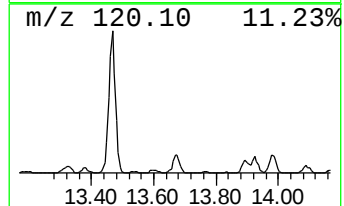
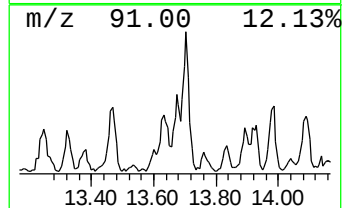
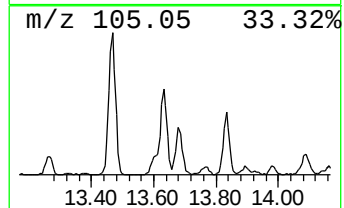
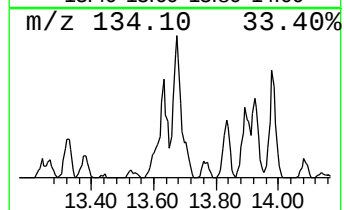
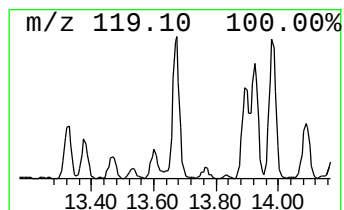
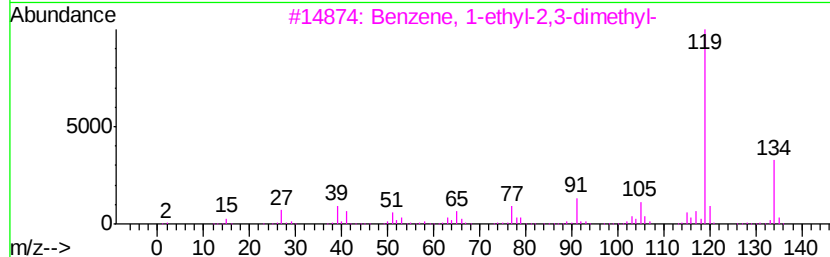
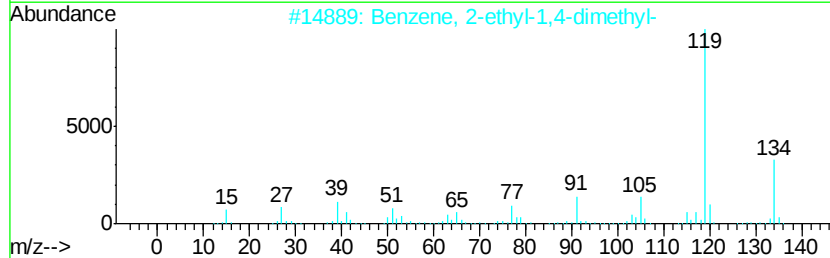
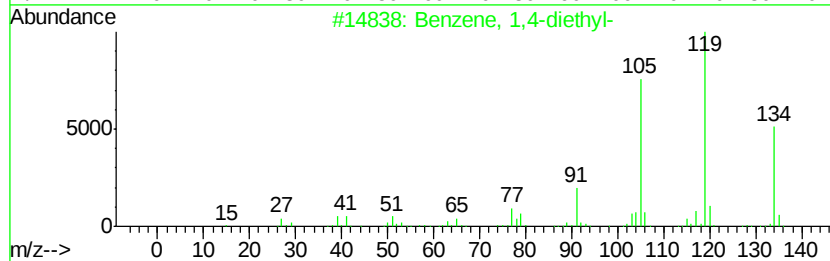
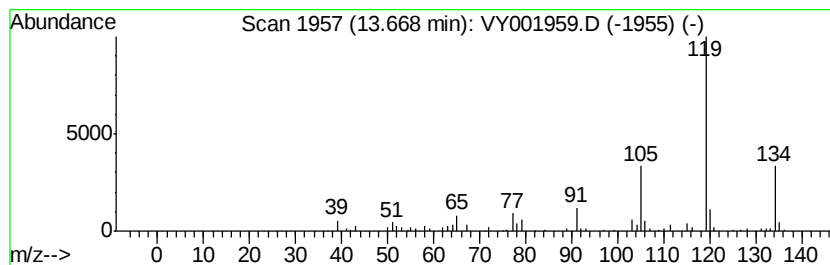
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.03 ug/l	71702	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



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 ClientSampleId :
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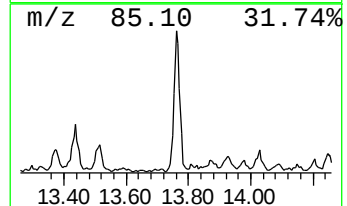
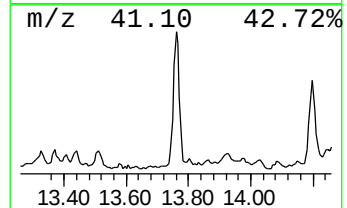
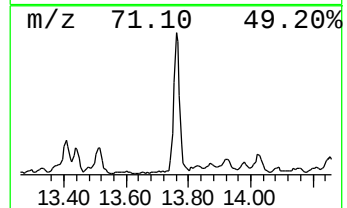
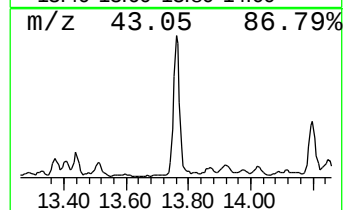
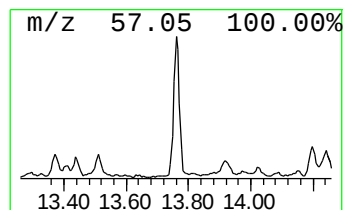
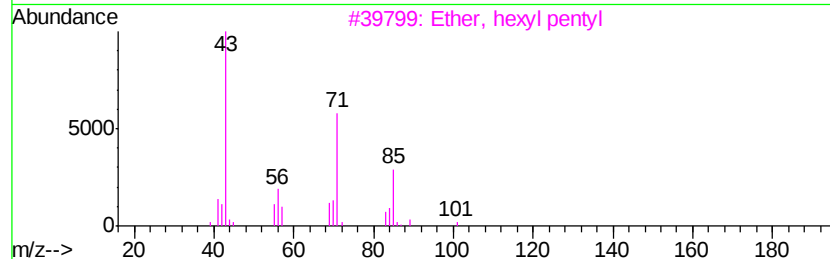
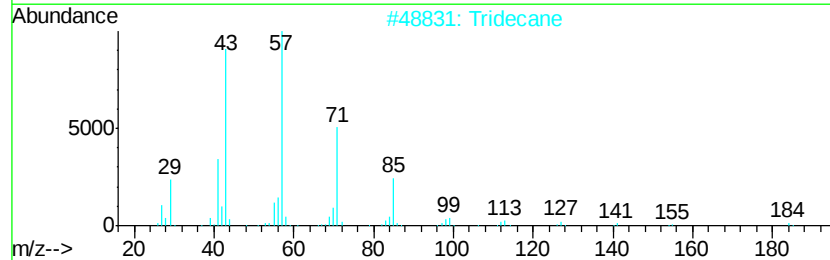
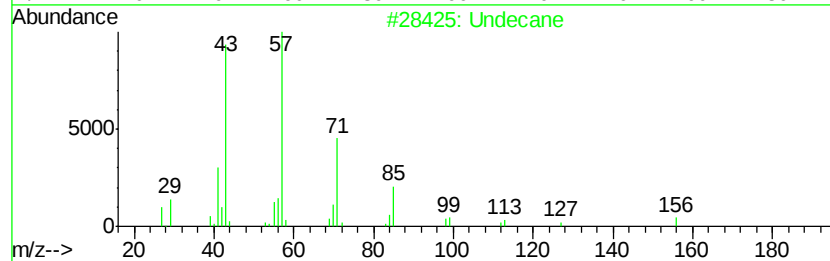
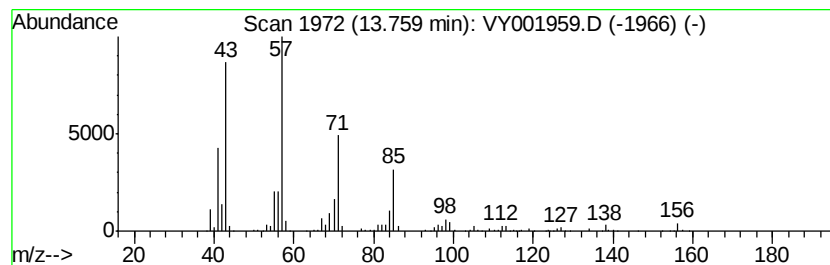
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260

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

 Peak Number 4 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	21.37 ug/l	304487	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	81
2	Tridecane		184	C13H28	000629-50-5	64
3	Ether, hexyl pentyl		172	C11H24O	032357-83-8	64
4	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	59
5	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	59



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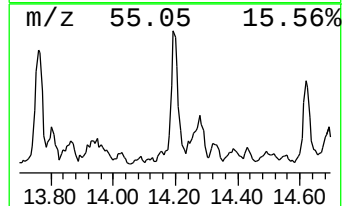
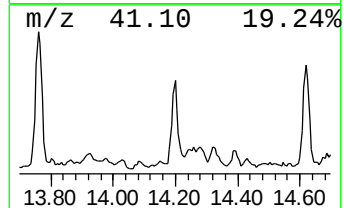
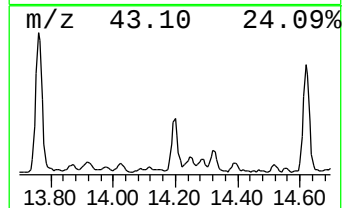
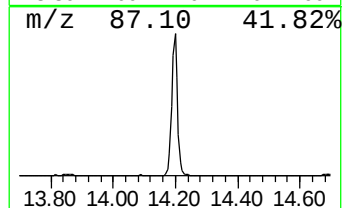
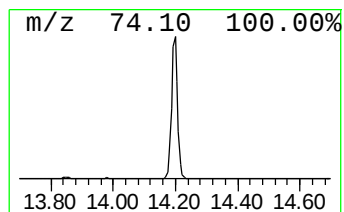
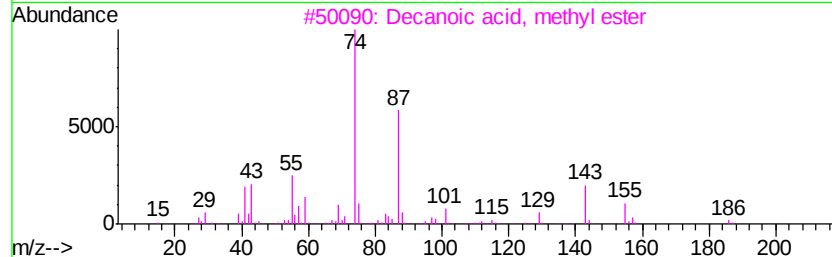
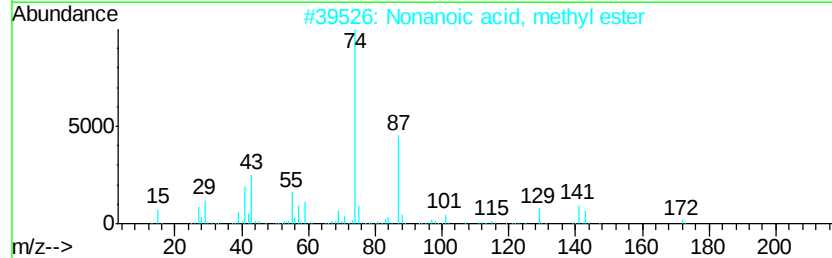
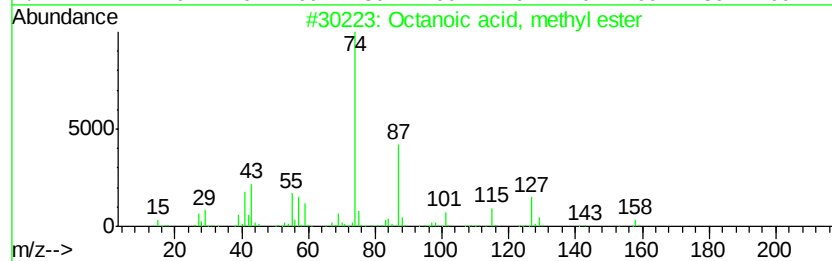
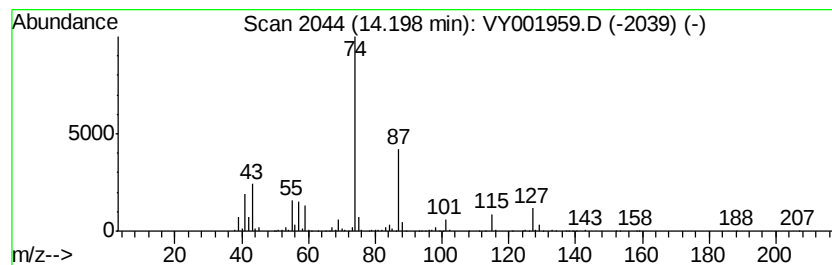
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	19.78 ug/l	281833	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
2		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	56
4		Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	53
5		Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	50



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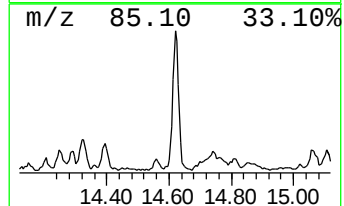
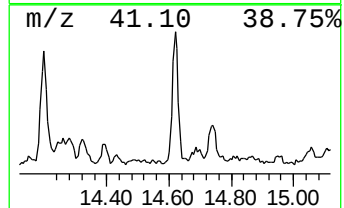
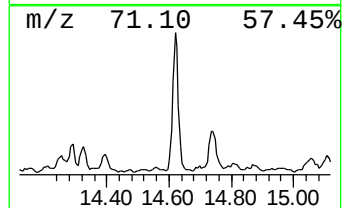
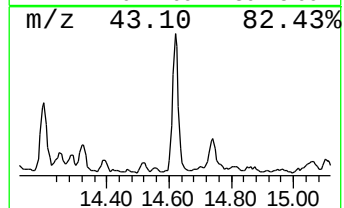
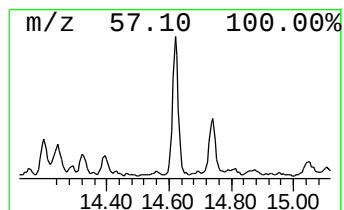
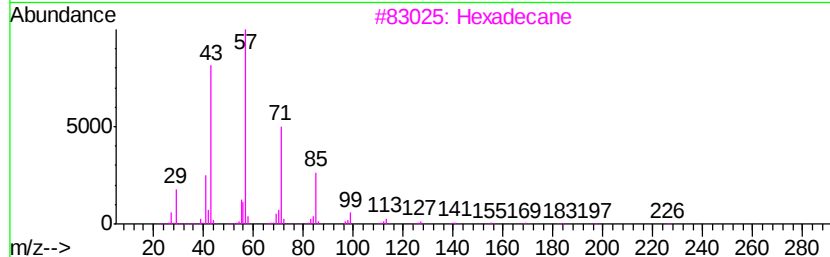
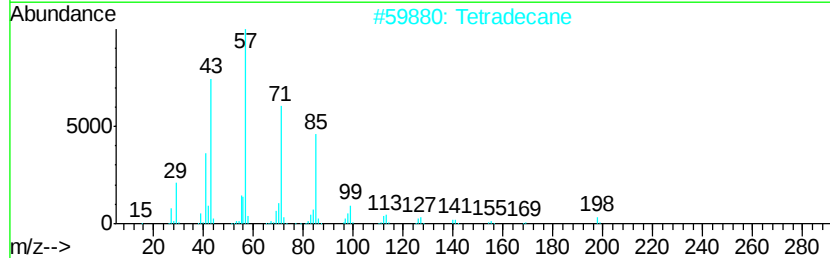
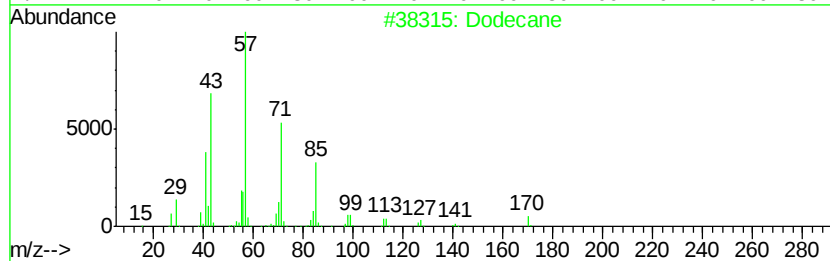
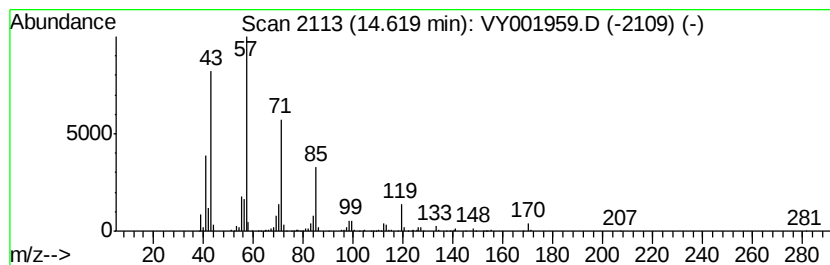
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	15.84 ug/l	225766	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	96
2	Tetradecane		198	C14H30	000629-59-4	80
3	Hexadecane		226	C16H34	000544-76-3	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Undecane		156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
Data File : VY001959.D
Acq On : 12 Mar 2020 17:11
Operator : SY/MD
Sample : L1762-13
Misc : 9.03G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031220

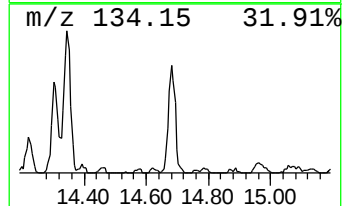
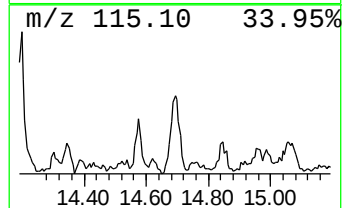
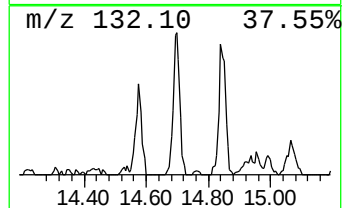
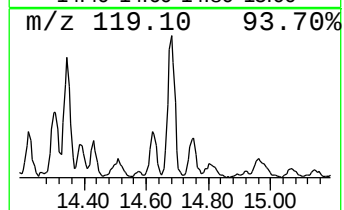
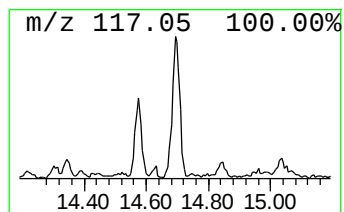
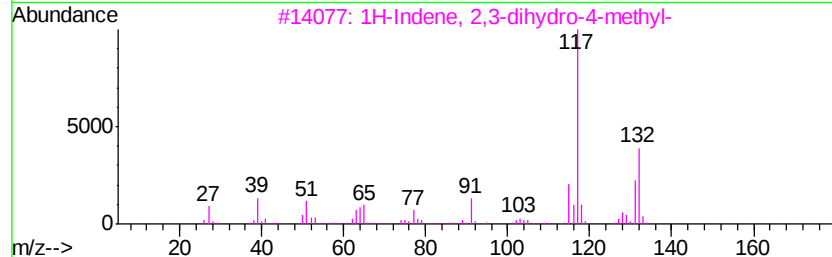
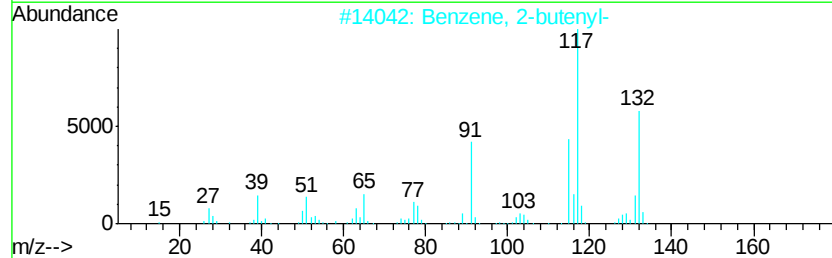
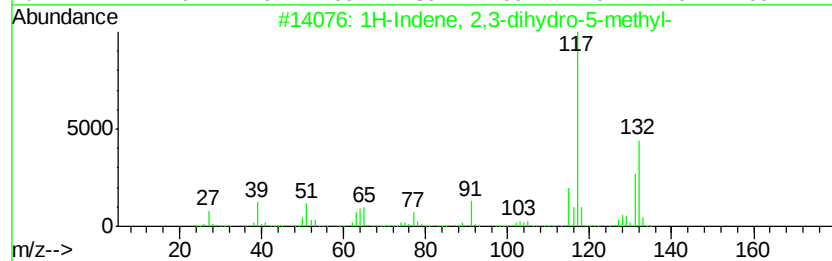
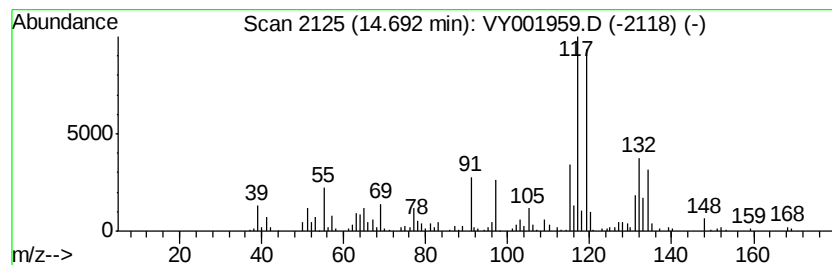
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.97 ug/l	127770	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
Data File : VY001959.D
Acq On : 12 Mar 2020 17:11
Operator : SY/MD
Sample : L1762-13
Misc : 9.03G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031220

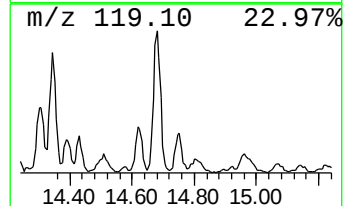
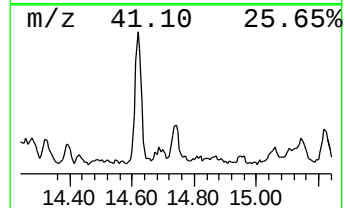
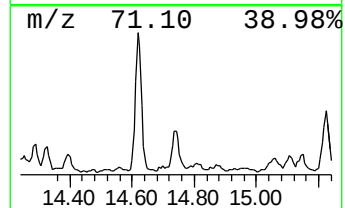
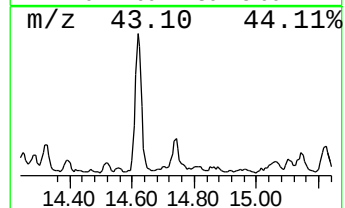
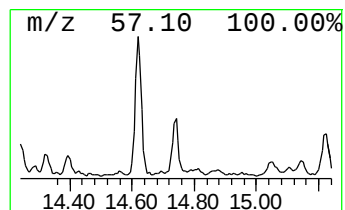
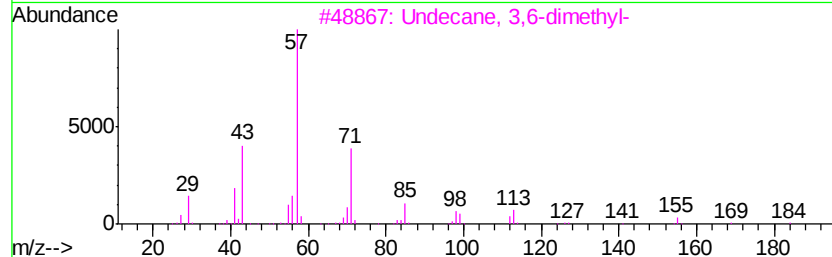
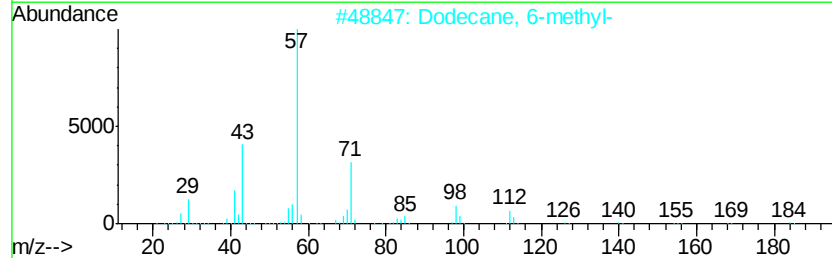
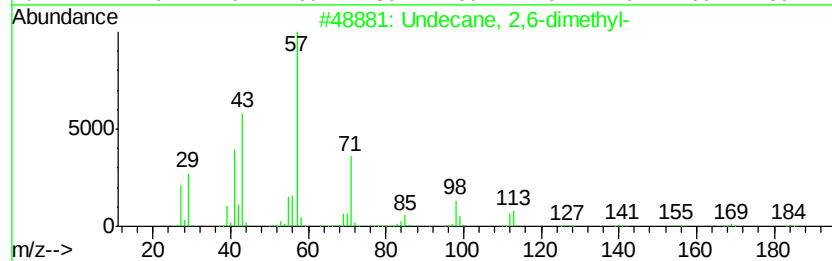
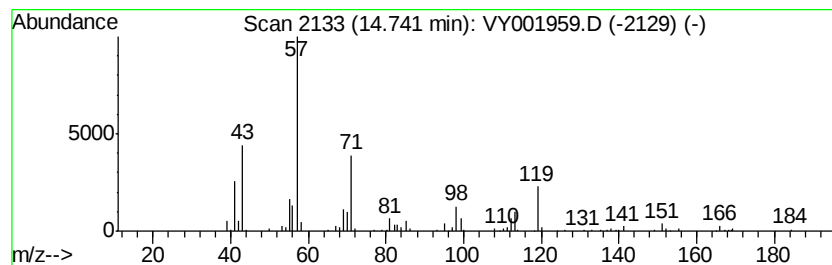
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.33 ug/l	90210	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
Data File : VY001959.D
Acq On : 12 Mar 2020 17:11
Operator : SY/MD
Sample : L1762-13
Misc : 9.03G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031220

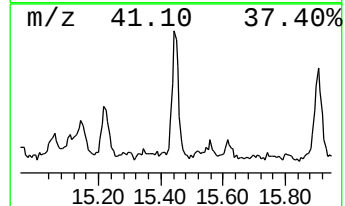
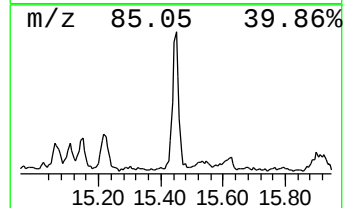
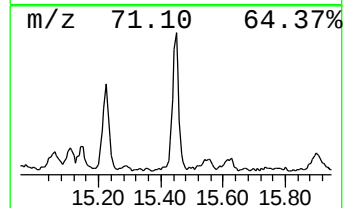
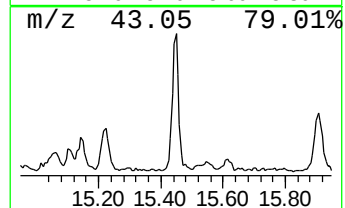
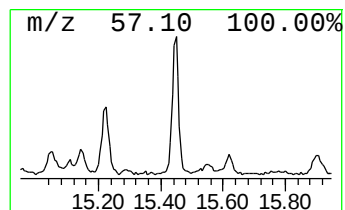
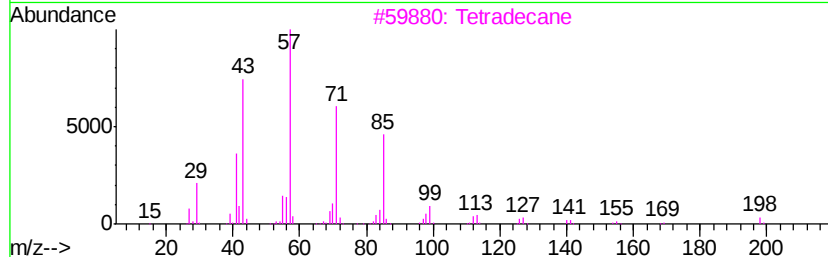
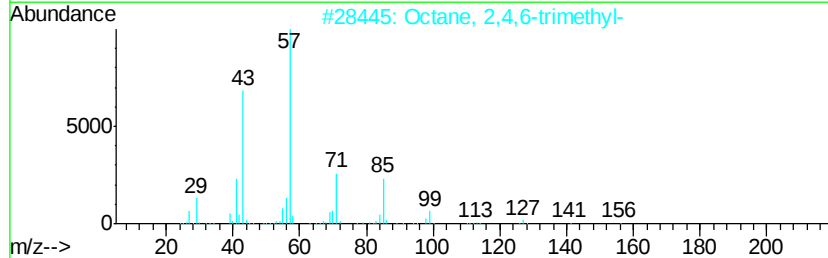
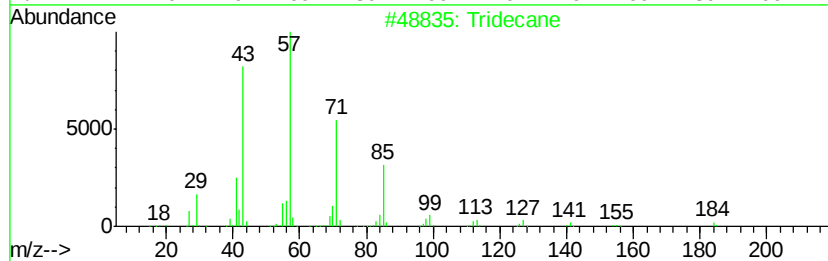
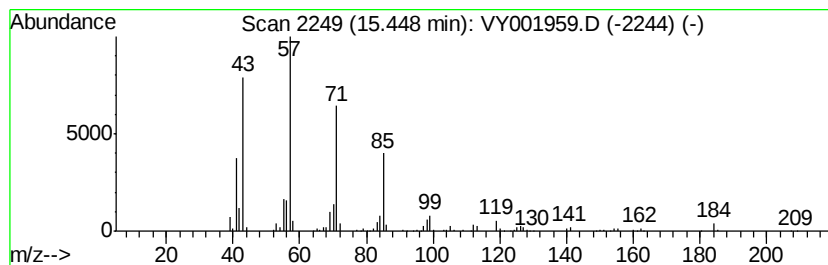
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	11.44 ug/l	162997	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
Data File : VY001959.D
Acq On : 12 Mar 2020 17:11
Operator : SY/MD
Sample : L1762-13
Misc : 9.03G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031220

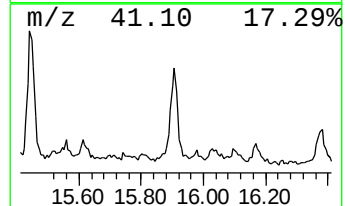
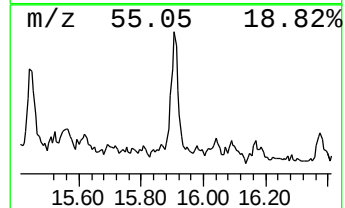
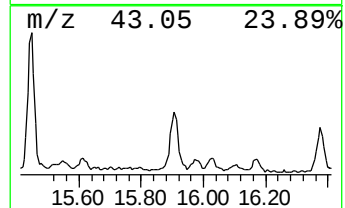
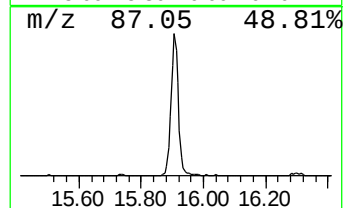
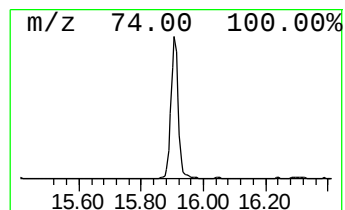
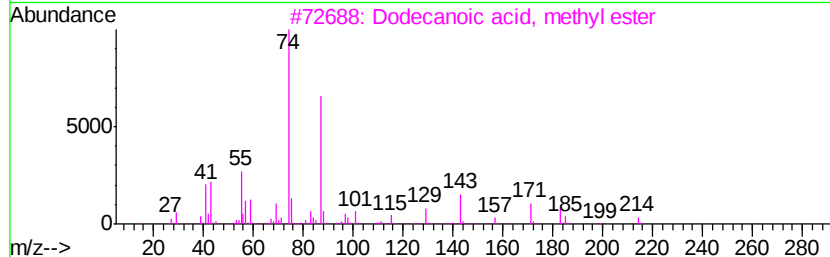
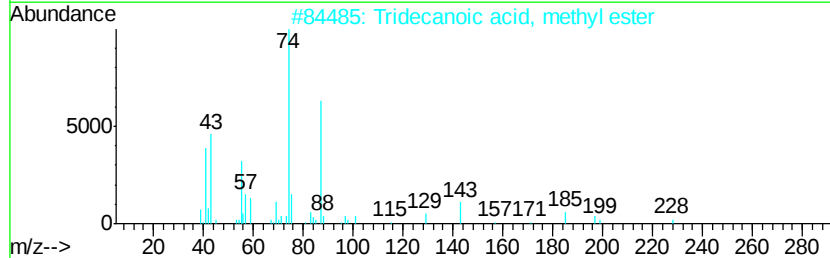
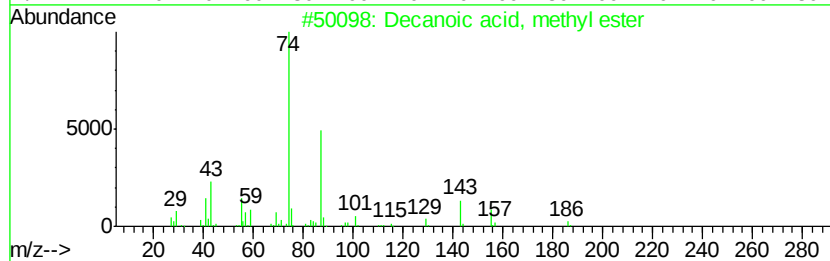
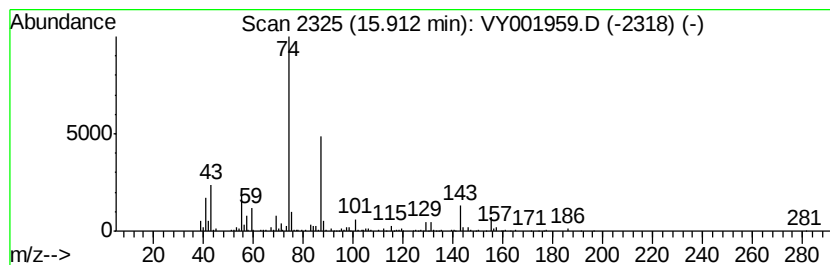
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 10 Decanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.23 ug/l	188583	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
3		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	78
4		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
5		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
Data File : VY001959.D
Acq On : 12 Mar 2020 17:11
Operator : SY/MD
Sample : L1762-13
Misc : 9.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.74	9.1	ug/l	129412	4	13.44	712503	50.0
Benzene, 1,4-diet...	13.67	5.0	ug/l	71702	4	13.44	712503	50.0
Undecane	13.76	21.4	ug/l	304487	4	13.44	712503	50.0
Octanoic acid, me...	14.20	19.8	ug/l	281833	4	13.44	712503	50.0
Dodecane	14.62	15.8	ug/l	225766	4	13.44	712503	50.0
1H-Indene, 2,3-di...	14.69	9.0	ug/l	127770	4	13.44	712503	50.0
Undecane, 2,6-dim...	14.74	6.3	ug/l	90210	4	13.44	712503	50.0
Tridecane	15.45	11.4	ug/l	162997	4	13.44	712503	50.0
Decanoic acid, me...	15.91	13.2	ug/l	188583	4	13.44	712503	50.0