

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015446.D
 Acq On : 06 Sep 2023 13:43
 Operator : SY/MD
 Sample : 04278-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 824-829

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 >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Title : SW846 8260

Signal : TIC: VY015446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.704	955	965	970	rBV	32411	80697	2.44%	1.124%
2	7.777	970	977	985	rVB2	67217	173669	5.25%	2.419%
3	7.990	1002	1012	1021	rBV2	23348	56643	1.71%	0.789%
4	8.130	1024	1035	1047	rVB2	32553	77384	2.34%	1.078%
5	8.539	1094	1102	1113	rBV2	22389	44375	1.34%	0.618%
6	8.679	1117	1125	1136	rVV	89526	176670	5.34%	2.461%
7	10.173	1363	1370	1376	rBV	137214	231826	7.00%	3.229%
8	10.240	1376	1381	1387	rVB	72973	123308	3.72%	1.717%
9	10.368	1393	1402	1409	rBV	29740	49689	1.50%	0.692%
10	11.483	1578	1585	1591	rBV	101163	173459	5.24%	2.416%
11	11.697	1610	1620	1631	rVB	49515	105403	3.18%	1.468%
12	12.026	1664	1674	1681	rBV2	32963	61116	1.85%	0.851%
13	12.331	1717	1724	1730	rBV	41101	65848	1.99%	0.917%
14	12.477	1739	1748	1754	rBV4	68896	115684	3.49%	1.611%
15	12.800	1797	1801	1811	rVB3	50399	92238	2.79%	1.285%
16	13.117	1849	1853	1859	rBV	20155	35349	1.07%	0.492%
17	13.227	1867	1871	1875	rBV2	25324	40212	1.21%	0.560%
18	13.337	1882	1889	1898	rBV	2233330	3310596	100.00%	46.111%
19	13.422	1898	1903	1908	rVV	72326	112414	3.40%	1.566%
20	13.483	1908	1913	1916	rVV2	26461	46742	1.41%	0.651%
21	13.526	1916	1920	1926	rVV	60652	94496	2.85%	1.316%
22	13.751	1951	1957	1966	rBV2	39928	75023	2.27%	1.045%
23	13.873	1971	1977	1982	rBV	127205	191554	5.79%	2.668%
24	13.965	1987	1992	1997	rVV2	21340	36205	1.09%	0.504%
25	14.178	2023	2027	2034	rBV7	20503	48236	1.46%	0.672%
26	14.288	2040	2045	2051	rBV2	33220	55593	1.68%	0.774%
27	14.391	2057	2062	2064	rBV2	41570	66144	2.00%	0.921%
28	14.428	2064	2068	2079	rVB	128381	272370	8.23%	3.794%
29	14.611	2093	2098	2102	rVB	40054	56295	1.70%	0.784%
30	14.660	2102	2106	2113	rBV	46798	76622	2.31%	1.067%
31	14.757	2113	2122	2130	rBV	109608	202176	6.11%	2.816%
32	15.044	2163	2169	2170	rBV3	29925	50622	1.53%	0.705%
33	15.092	2174	2177	2182	rVB3	48946	79307	2.40%	1.105%
34	15.220	2190	2198	2200	rBV4	45099	94427	2.85%	1.315%
35	15.257	2200	2204	2222	rVB	142304	300841	9.09%	4.190%
36	15.434	2229	2233	2240	rVB2	29553	48592	1.47%	0.677%

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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 >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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37	15.531	2243	2249	2255	rBV	16980	33873	1.02%	0.472%
38	15.605	2255	2261	2275	rBV2	118569	223848	6.76%	3.118%

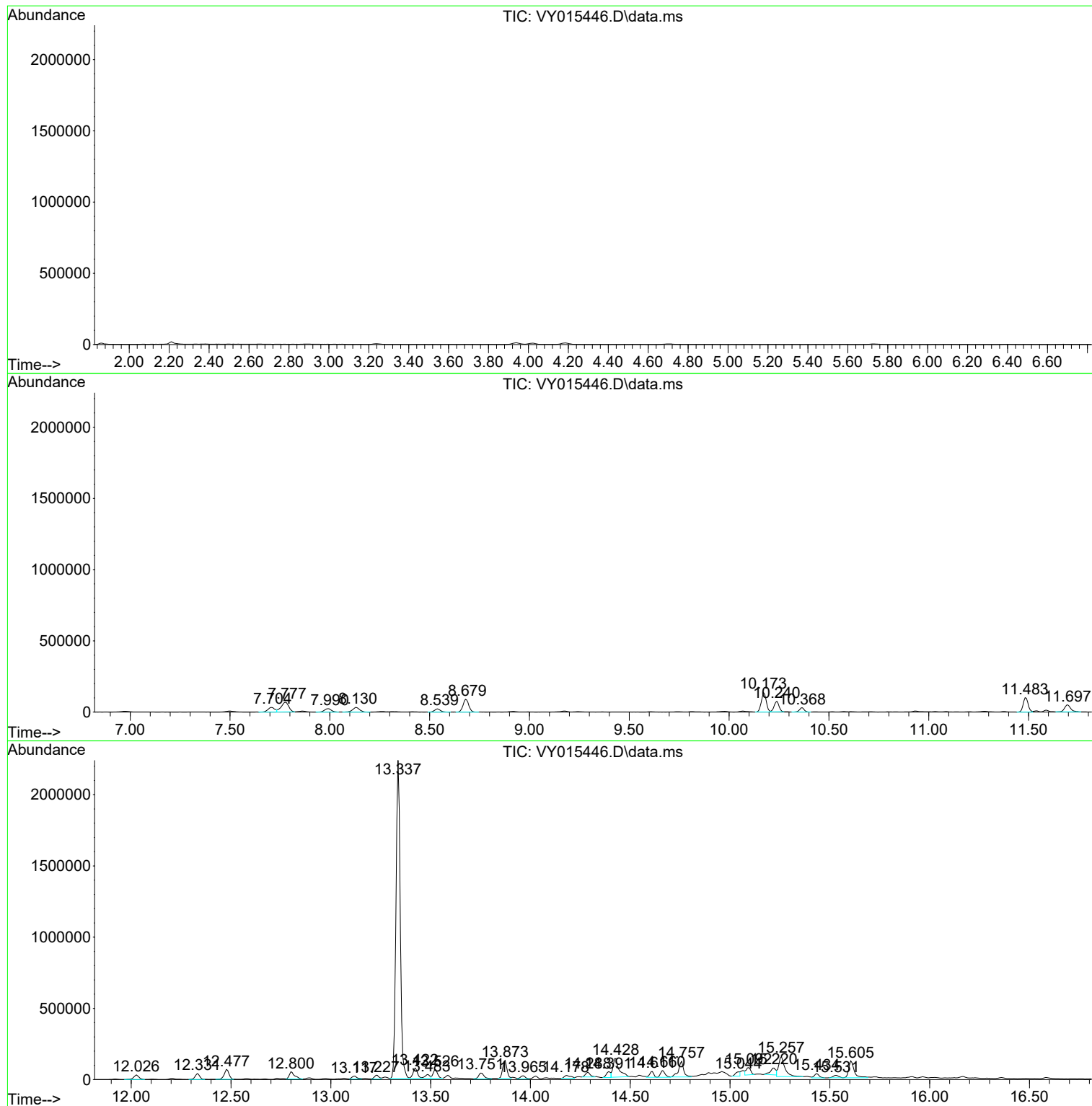
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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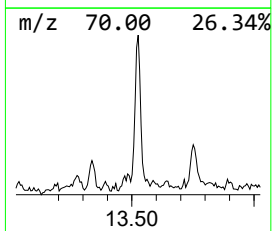
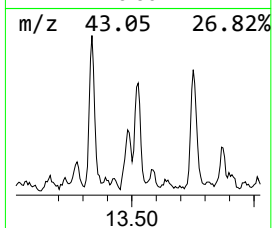
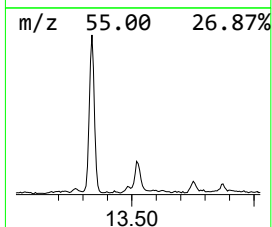
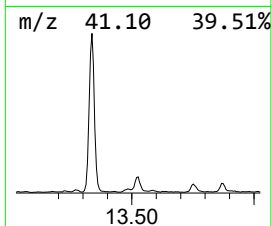
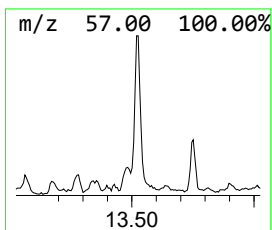
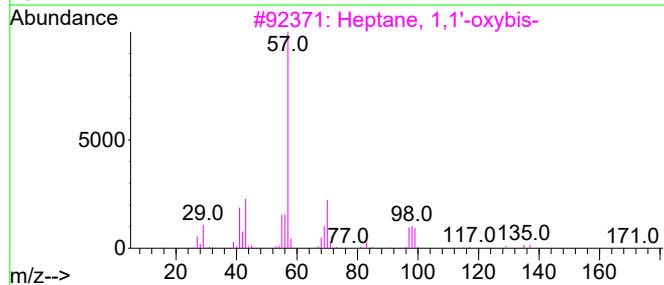
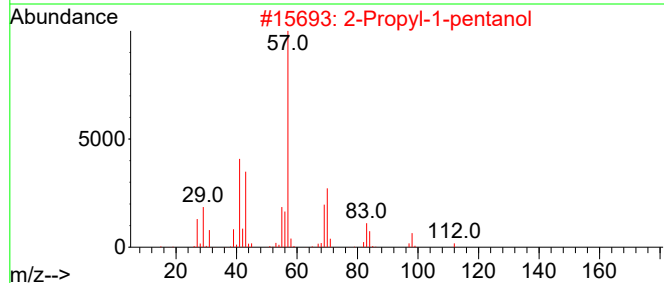
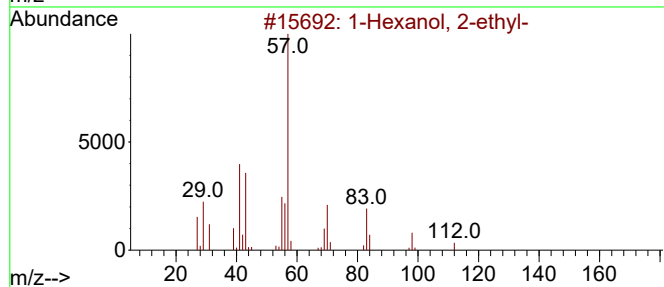
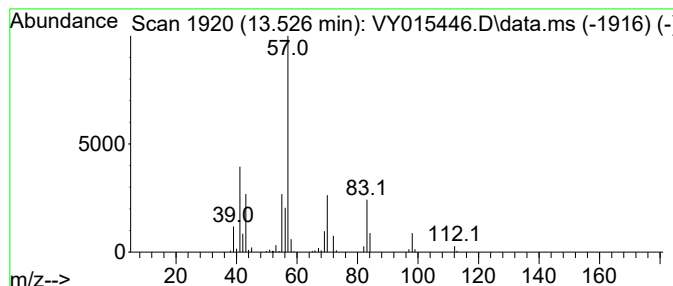
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	42.03 ug/l	94496	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4			2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	47
5			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	47



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Instrument :
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ClientSampleId :
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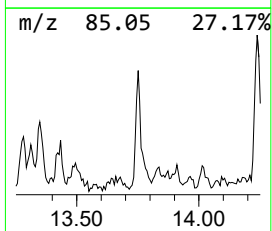
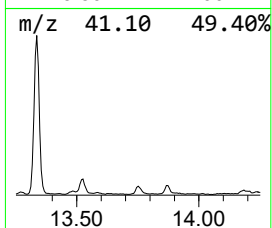
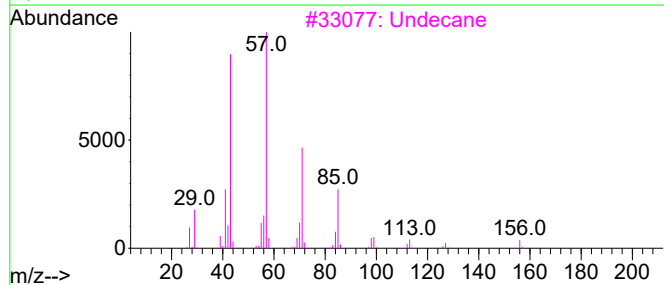
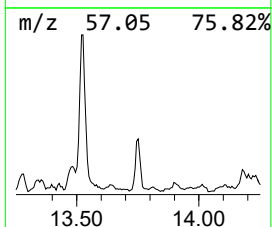
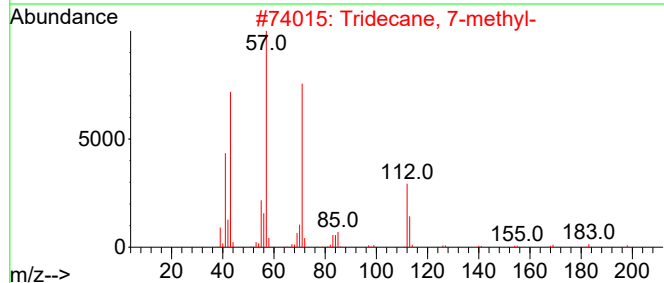
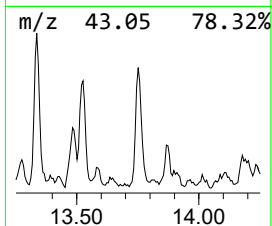
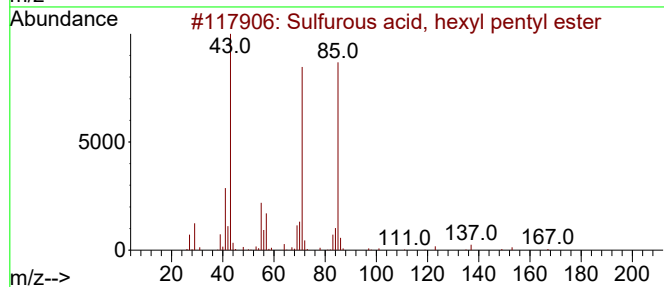
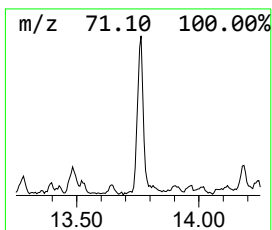
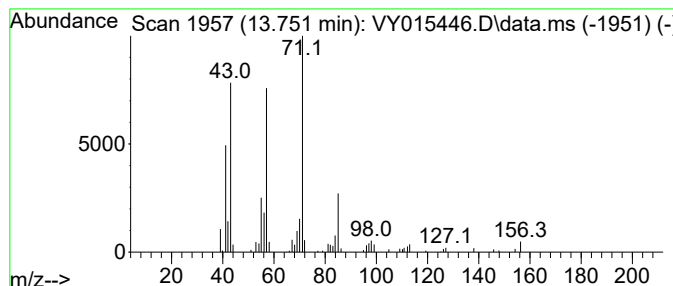
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, hexyl penty... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	33.37 ug/l	75023	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
3			Undecane	156	C11H24	001120-21-4	55
4			Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	53
5			Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	53



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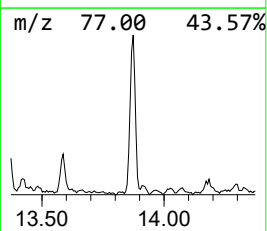
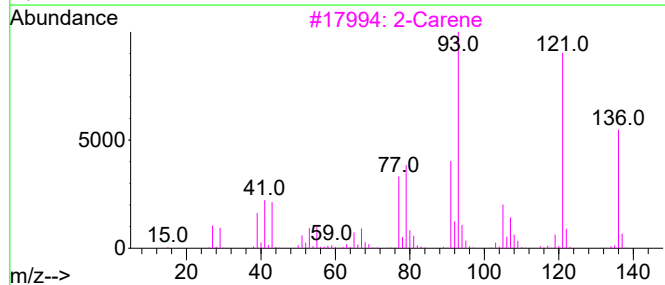
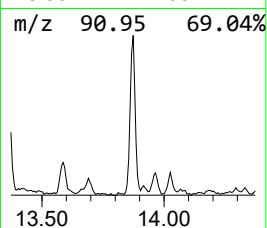
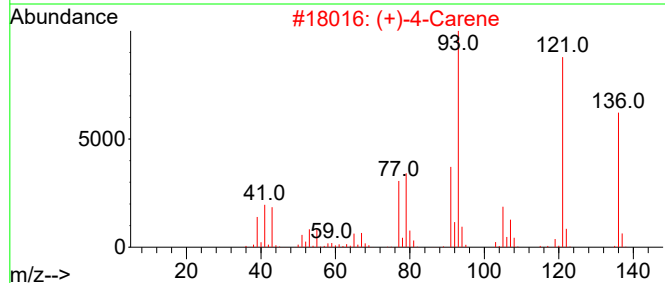
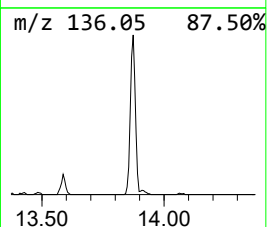
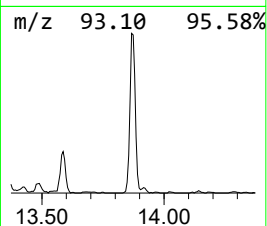
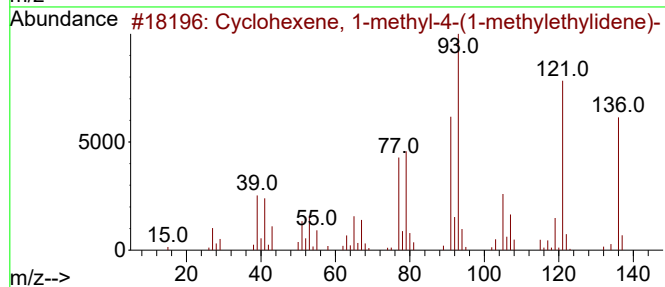
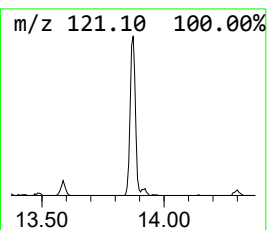
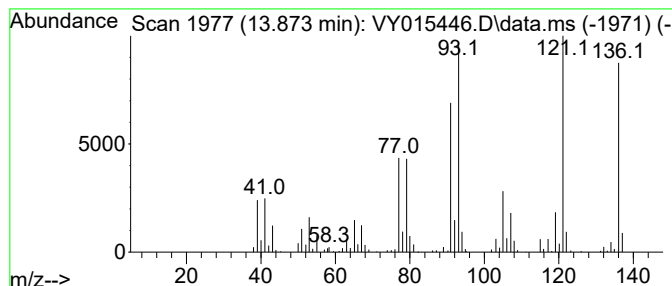
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	85.20 ug/l	191554	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	98
2			(+)-4-Carene	136	C10H16	029050-33-7	96
3			2-Carene	136	C10H16	000554-61-0	95
4			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	95
5			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	94



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MSVOA_Y
ClientSampleId :
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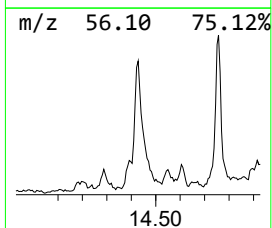
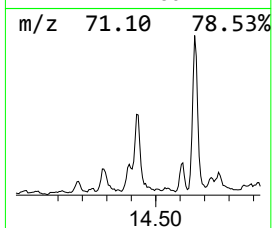
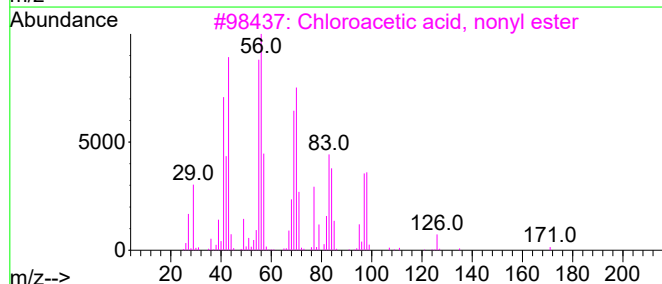
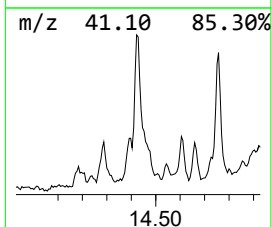
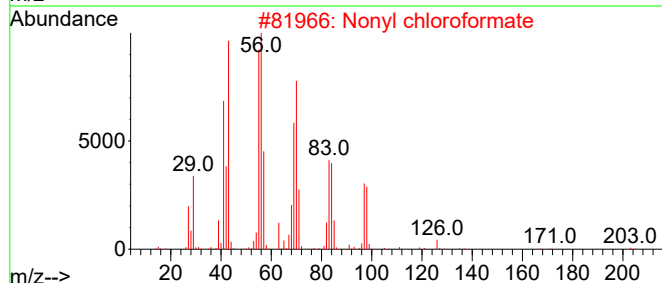
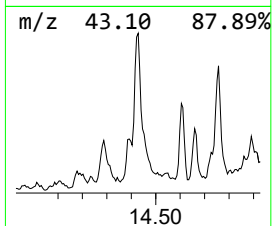
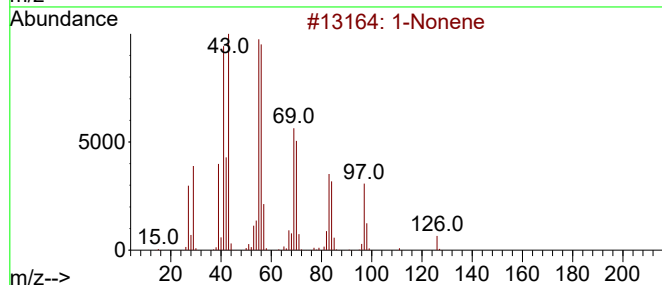
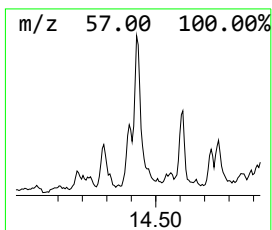
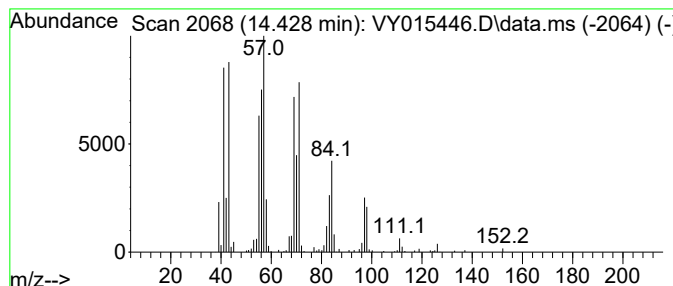
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Nonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	121.15 ug/l	272370	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene			126	C9H18	000124-11-8	55
2	Nonyl chloroformate			206	C10H19ClO2	057045-82-6	52
3	Chloroacetic acid, nonyl ester			220	C11H21ClO2	005451-96-7	49
4	Cyclobutane, 1,2-diethyl-, cis-			112	C8H16	061141-50-2	49
5	Cyclooctane, methyl-			126	C9H18	001502-38-1	46



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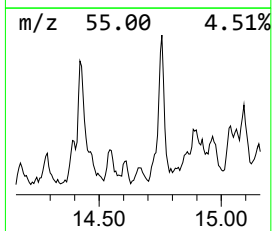
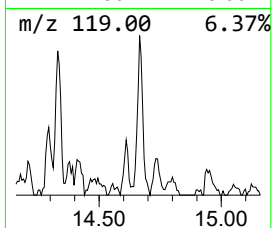
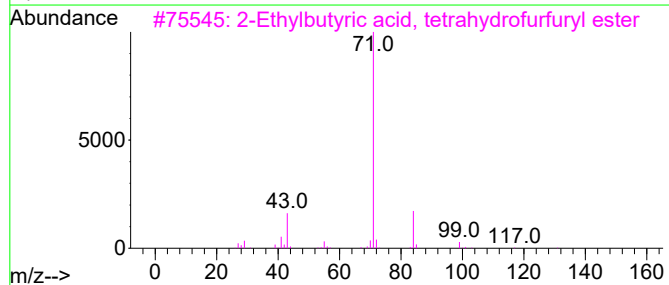
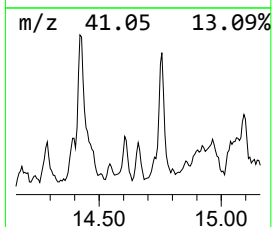
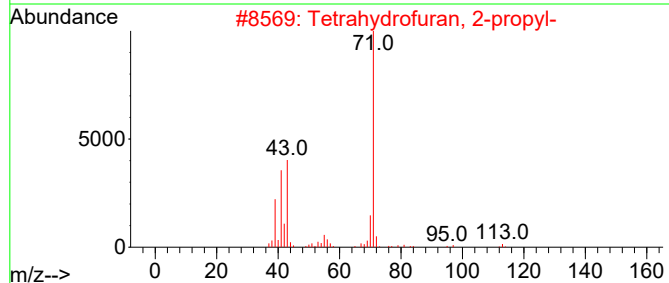
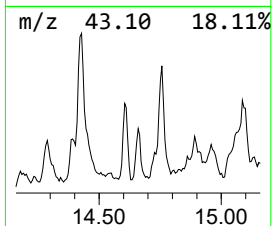
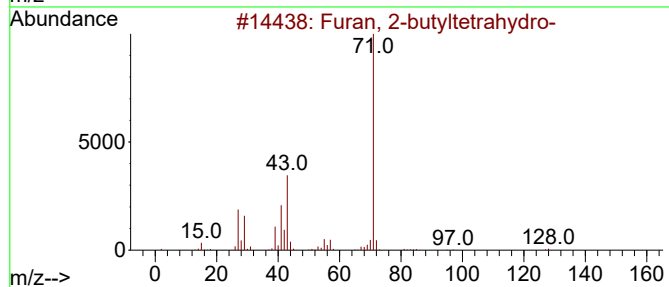
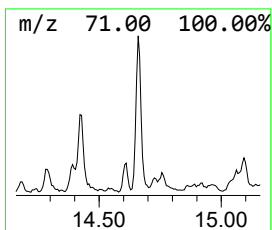
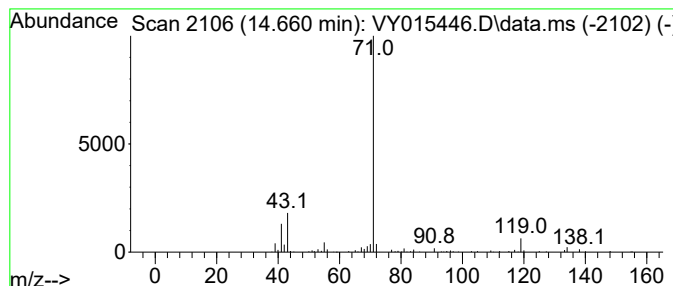
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Furan, 2-butyltetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.660	34.08 ug/l	76622	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	72
2			Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	64
3			2-Ethylbutyric acid, tetrahydrof...	200	C11H20O3	1000370-65-1	40
4			Butanoic acid, anhydride	158	C8H14O3	000106-31-0	40
5			Pivalic acid, 2-tetrahydrofurylm...	186	C10H18O3	007461-07-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

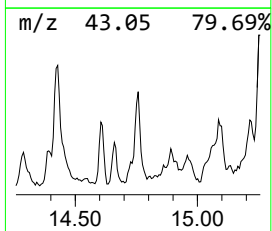
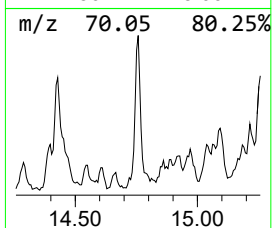
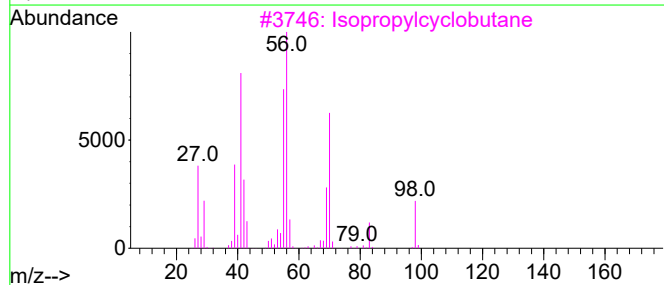
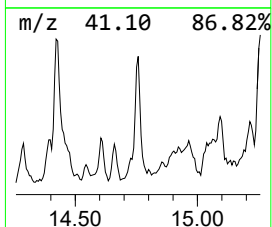
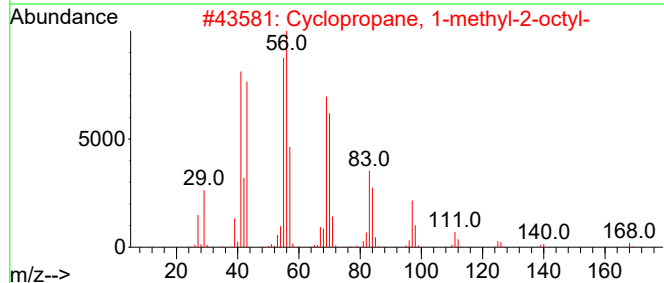
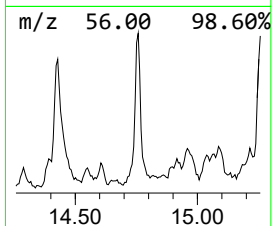
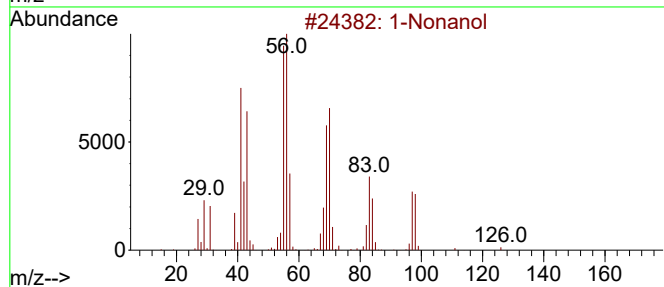
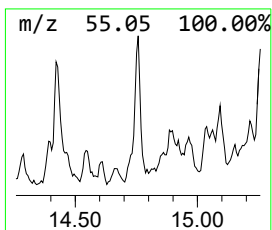
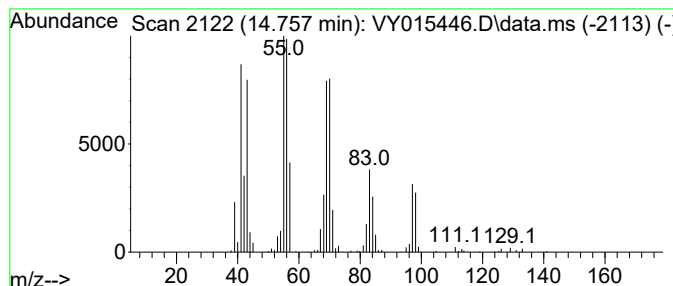
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Nonanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	89.92 ug/l	202176	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonanol	144	C9H20O	000143-08-8	91
2			Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	78
3			Isopropylcyclobutane	98	C7H14	000872-56-0	49
4			Cycloheptane	98	C7H14	000291-64-5	46
5			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

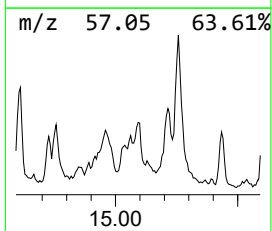
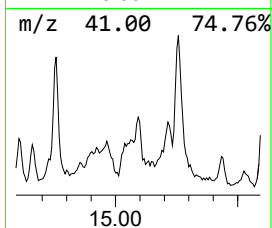
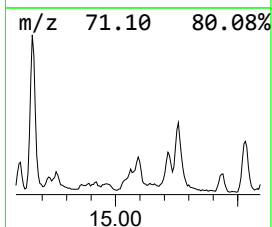
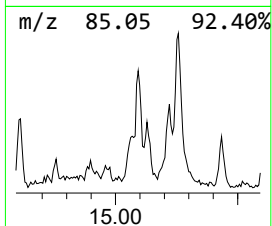
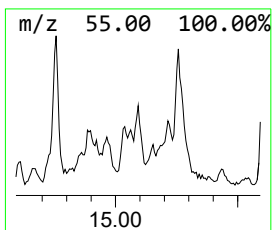
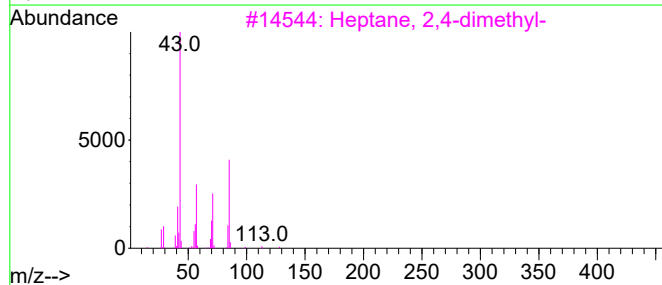
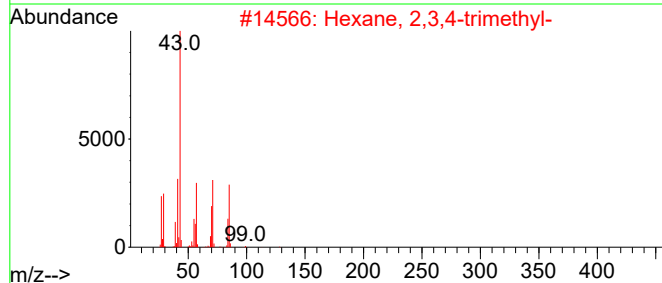
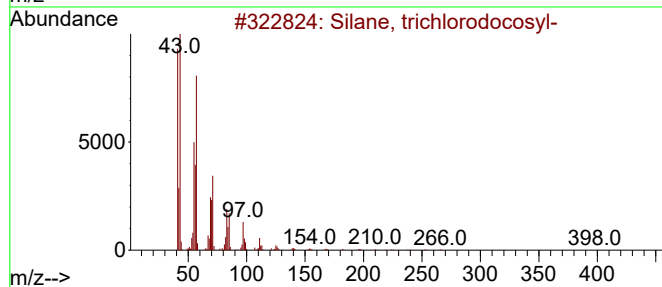
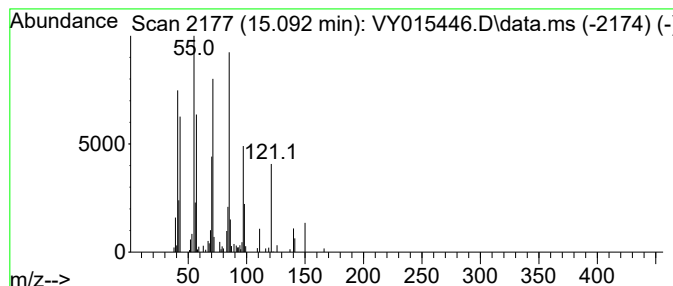
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown15.092 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	35.27 ug/l	79307	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	38
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

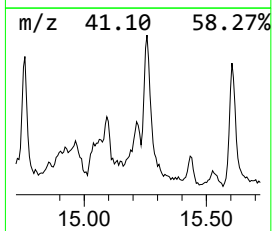
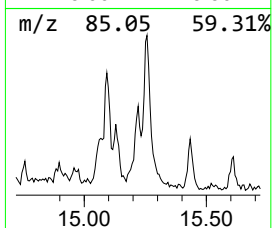
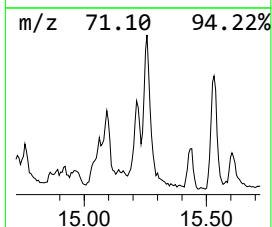
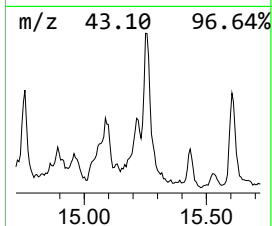
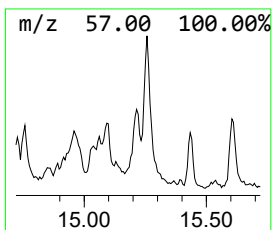
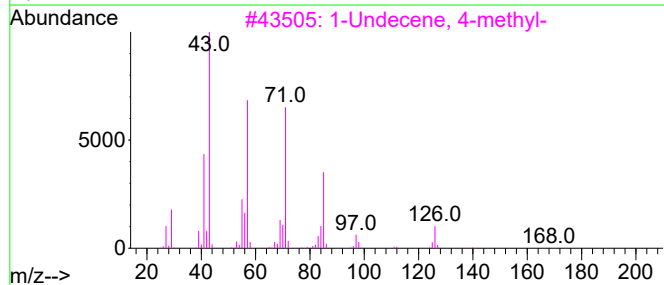
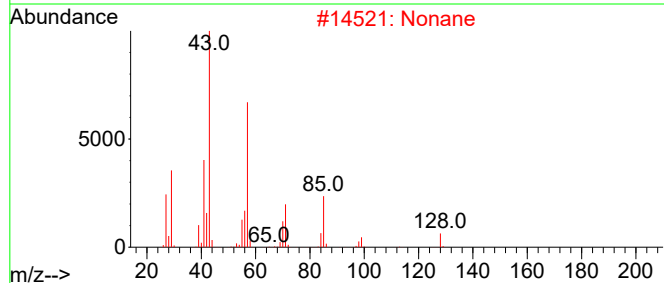
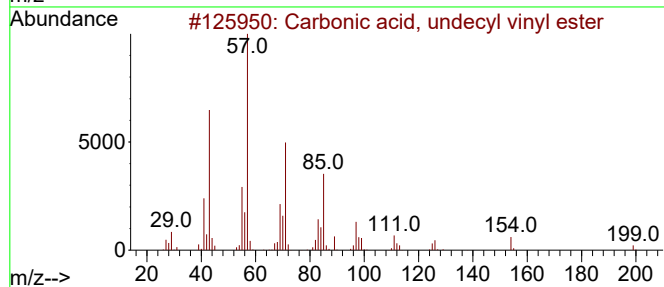
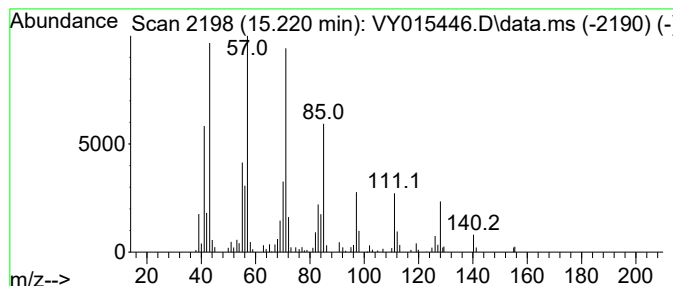
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Carbonic acid, undecyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	42.00 ug/l	94427	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	72
2			Nonane	128	C9H20	000111-84-2	45
3			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	43
4			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	43
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

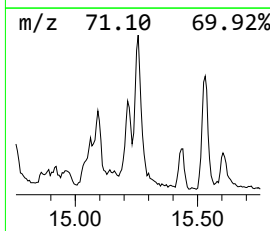
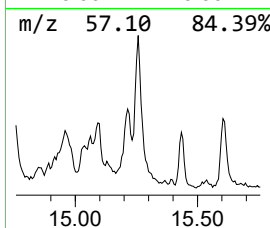
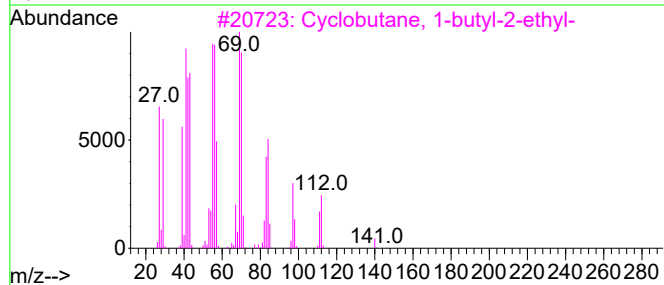
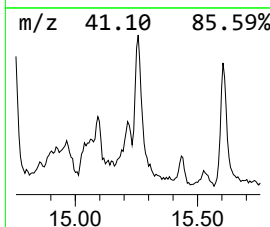
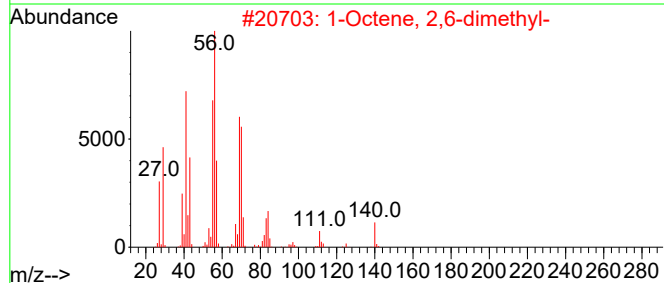
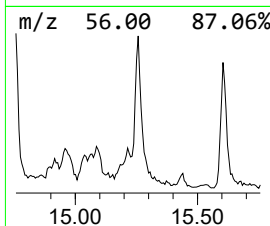
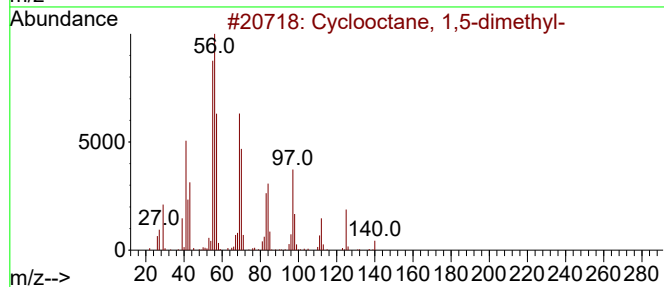
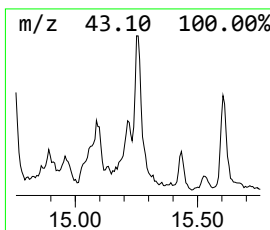
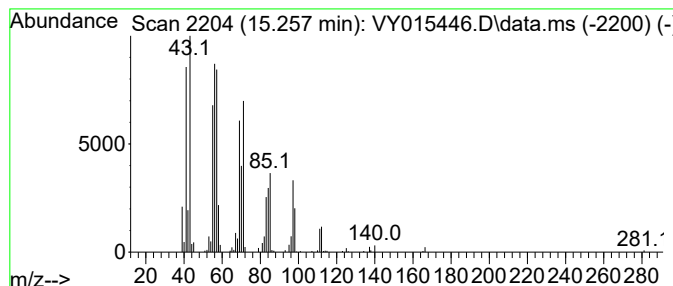
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclooctane, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	133.81 ug/l	300841	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	94
2			1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	46
3			Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	46
4			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	46
5			1-Decene	140	C10H20	000872-05-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

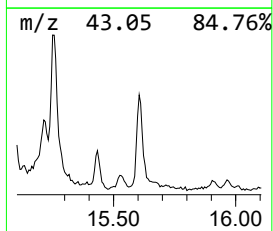
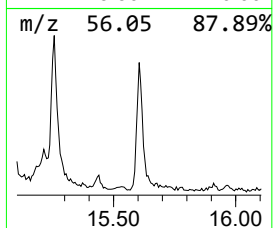
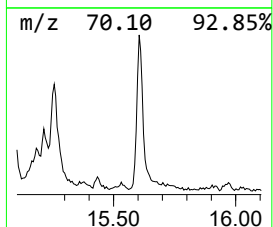
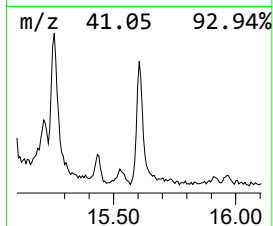
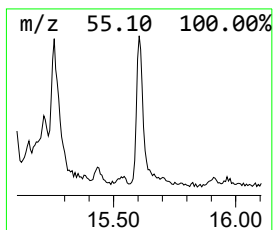
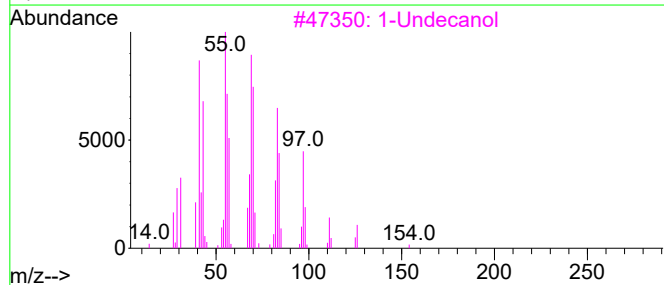
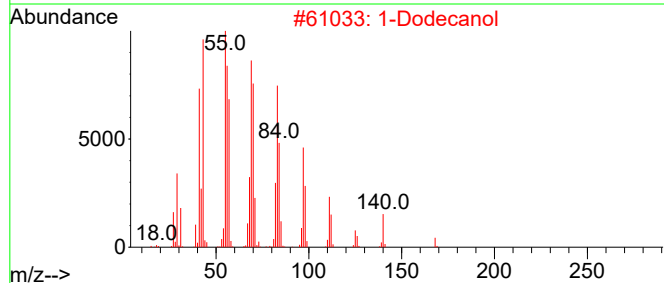
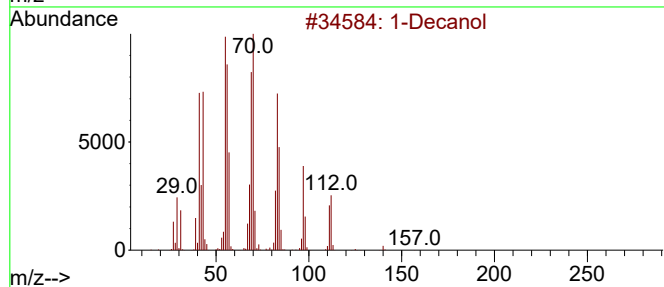
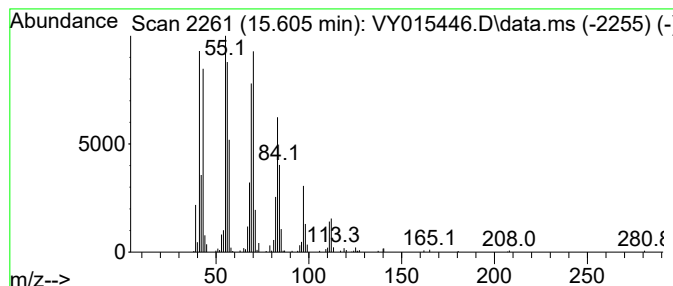
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Decanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.605	99.56 ug/l	223848	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol	158	C10H22O	000112-30-1	91
2			1-Dodecanol	186	C12H26O	000112-53-8	91
3			1-Undecanol	172	C11H24O	000112-42-5	91
4			Bromoacetic acid, decyl ester	278	C12H23BrO2	005436-93-1	91
5			Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015446.D
Acq On : 06 Sep 2023 13:43
Operator : SY/MD
Sample : 04278-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
824-829

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-et...	13.526	42.0	ug/l	94496	4	13.422	112414	50.0
Sulfurous acid,...	13.751	33.4	ug/l	75023	4	13.422	112414	50.0
Cyclohexene, 1-...	13.873	85.2	ug/l	191554	4	13.422	112414	50.0
1-Nonene	14.428	121.2	ug/l	272370	4	13.422	112414	50.0
Furan, 2-butylt...	14.660	34.1	ug/l	76622	4	13.422	112414	50.0
1-Nonanol	14.757	89.9	ug/l	202176	4	13.422	112414	50.0
unknown15.092	15.092	35.3	ug/l	79307	4	13.422	112414	50.0
Carbonic acid, ...	15.220	42.0	ug/l	94427	4	13.422	112414	50.0
Cyclooctane, 1,...	15.257	133.8	ug/l	300841	4	13.422	112414	50.0
1-Decanol	15.605	99.6	ug/l	223848	4	13.422	112414	50.0