

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057205.D
 Acq On : 12 Aug 2019 10:34
 Operator : JC/SP
 Sample : K4271-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Integration Parameters: RTEINT3.P

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

Filtering: 5
 Min Area: 0 % 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 N\METHODS\624N081019W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	125	138	160	rBV	1797736	2862158	100.00%	13.969%
2	2.320	162	170	179	rVB5	22934	43078	1.51%	0.210%
3	3.005	370	383	402	rBV	103161	249531	8.72%	1.218%
4	3.384	485	501	515	rBV	189827	446807	15.61%	2.181%
5	3.474	515	529	558	rVB	779608	1871090	65.37%	9.132%
6	3.641	565	581	609	rBV	406830	1077154	37.63%	5.257%
7	3.892	642	659	680	rBV2	170312	439981	15.37%	2.147%
8	6.583	1471	1496	1520	rBV	350946	1034227	36.13%	5.048%
9	6.757	1531	1550	1566	rBV3	46862	134845	4.71%	0.658%
10	7.436	1742	1761	1784	rBV2	344938	856153	29.91%	4.178%
11	7.870	1882	1896	1912	rBV5	20783	52202	1.82%	0.255%
12	8.008	1919	1939	1957	rBV	864303	1879053	65.65%	9.171%
13	8.616	2110	2128	2149	rBV	618881	1260196	44.03%	6.150%
14	8.850	2192	2201	2214	rVB8	14506	29386	1.03%	0.143%
15	9.558	2406	2421	2440	rBV	1415021	2665726	93.14%	13.010%
16	9.783	2481	2491	2502	rVB3	48392	80435	2.81%	0.393%
17	9.943	2527	2541	2559	rBV2	81405	186480	6.52%	0.910%
18	10.091	2576	2587	2593	rBV2	21640	41492	1.45%	0.203%
19	10.236	2620	2632	2651	rBV2	58503	114544	4.00%	0.559%
20	10.342	2651	2665	2679	rBV3	90573	171121	5.98%	0.835%
21	10.448	2686	2698	2727	rVB2	98485	286368	10.01%	1.398%
22	10.905	2826	2840	2864	rBV	1115273	1993699	69.66%	9.730%
23	11.705	3079	3089	3100	rVB2	50523	82387	2.88%	0.402%
24	11.921	3143	3156	3174	rBV	748026	1260232	44.03%	6.151%
25	12.738	3394	3410	3423	rBV	245236	377919	13.20%	1.844%
26	12.988	3476	3488	3512	rBV	553239	958950	33.50%	4.680%
27	13.647	3685	3693	3703	rBV4	21499	34346	1.20%	0.168%

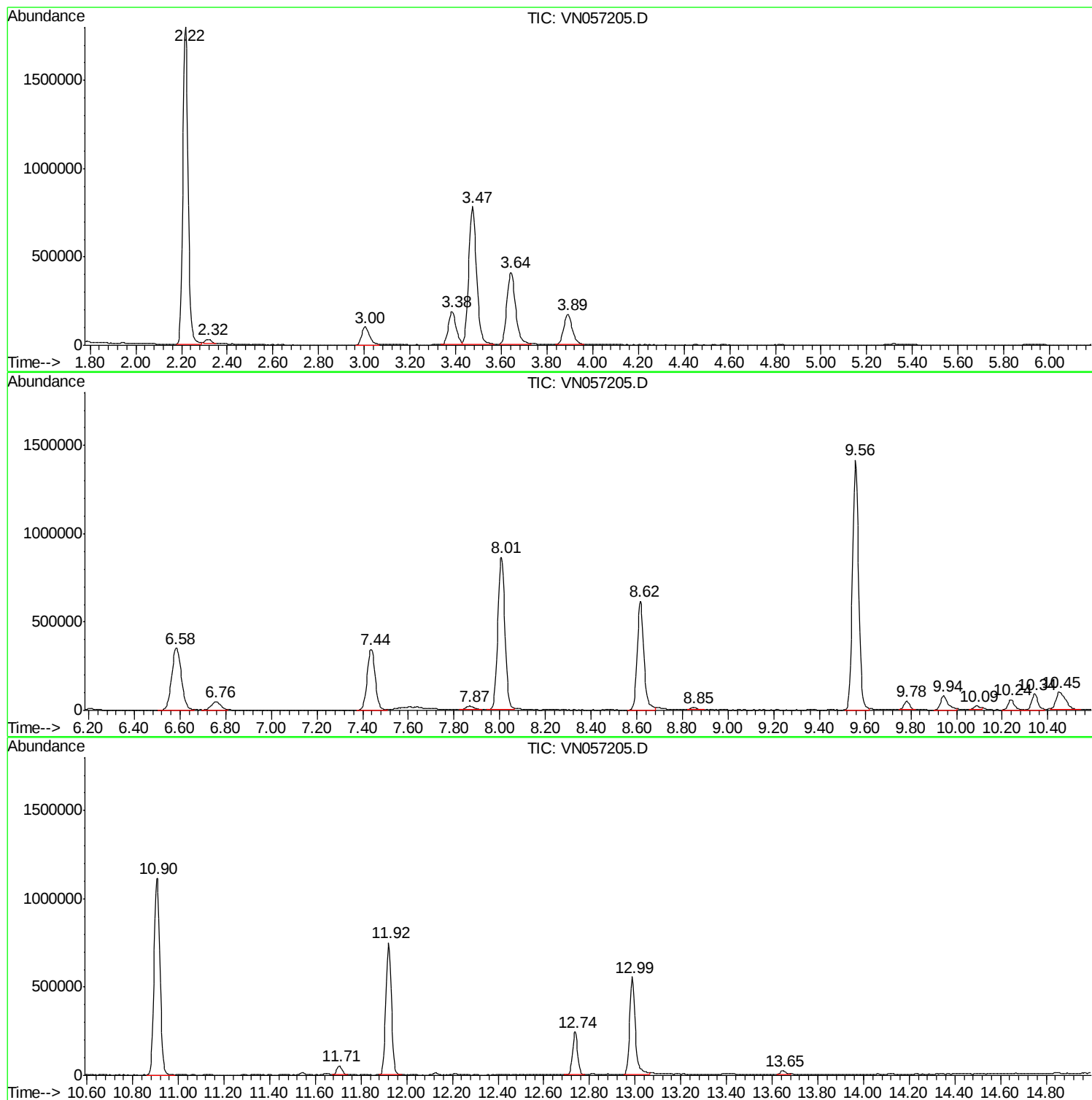
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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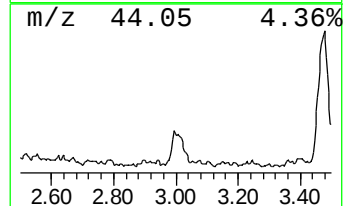
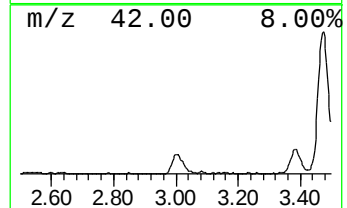
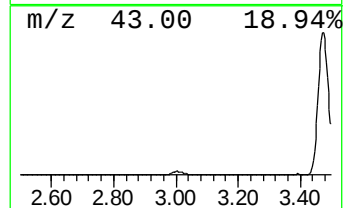
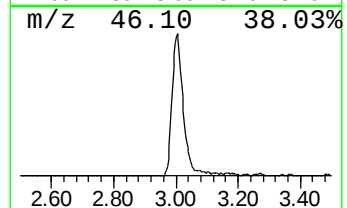
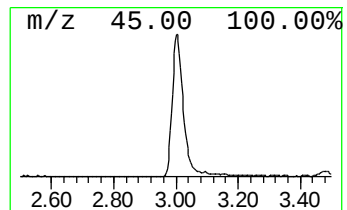
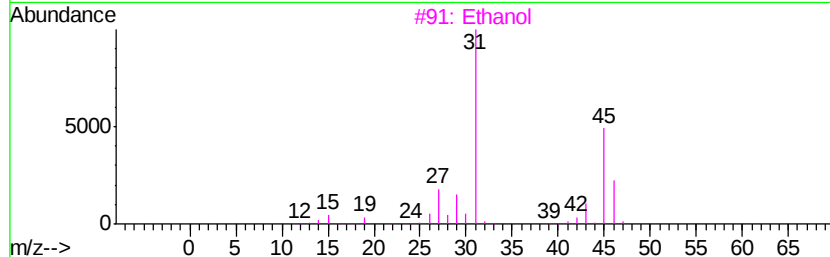
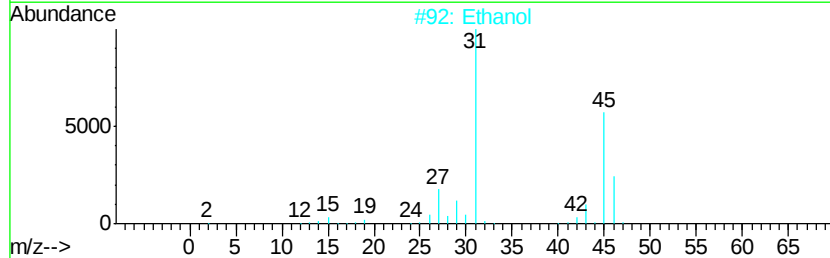
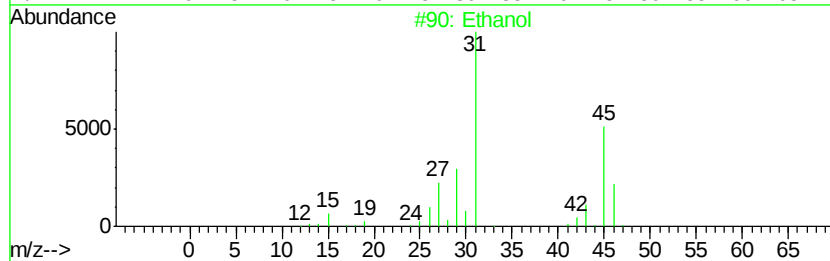
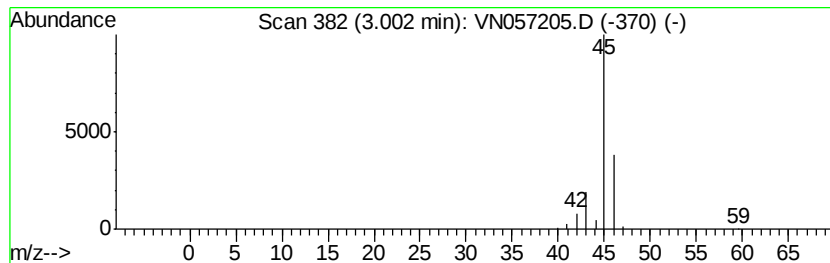
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	7.24 ug/l	249531	Bromochloromethane	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol		46	C2H6O	000064-17-5	90
2	Ethanol		46	C2H6O	000064-17-5	74
3	Ethanol		46	C2H6O	000064-17-5	64
4	Dimethyl ether		46	C2H6O	000115-10-6	9
5	Methane, nitroso-		45	CH3NO	000865-40-7	7



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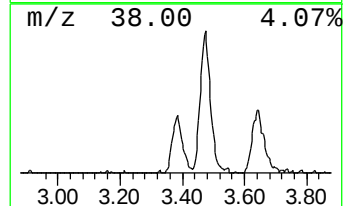
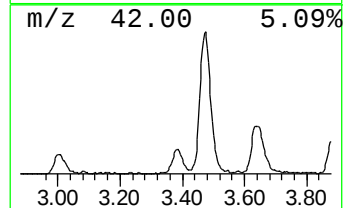
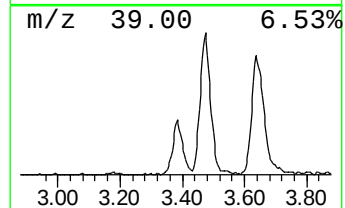
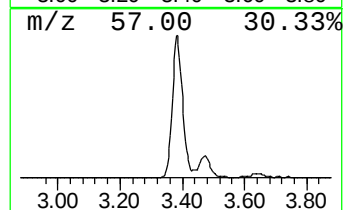
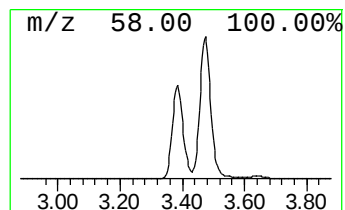
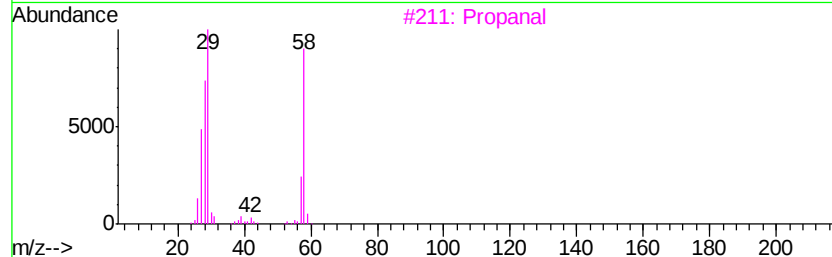
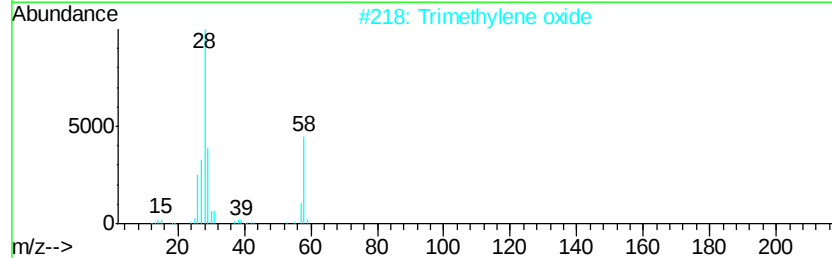
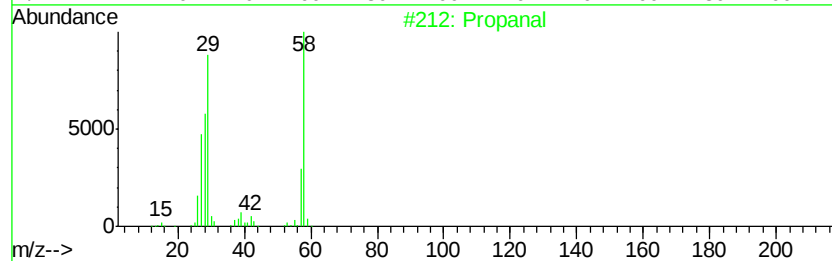
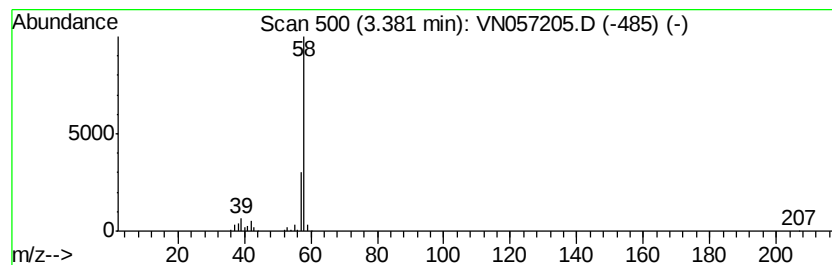
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	12.96 ug/l	446807	Bromochloromethane	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal		58	C3H6O	000123-38-6	78
2	Trimethylene oxide		58	C3H6O	000503-30-0	56
3	Propanal		58	C3H6O	000123-38-6	40
4	Propanal		58	C3H6O	000123-38-6	40
5	Propylene oxide		58	C3H6O	000075-56-9	7



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ALS Vial : 4 Sample Multiplier: 1

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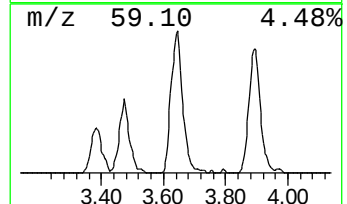
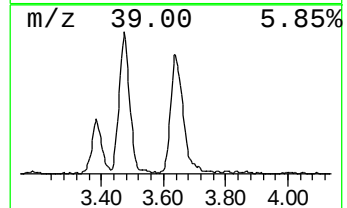
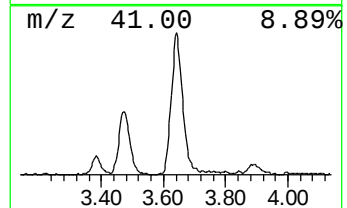
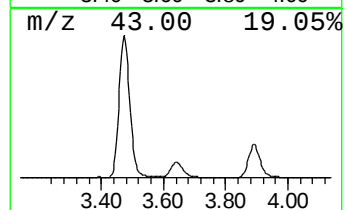
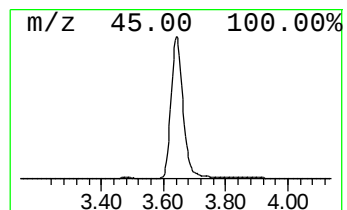
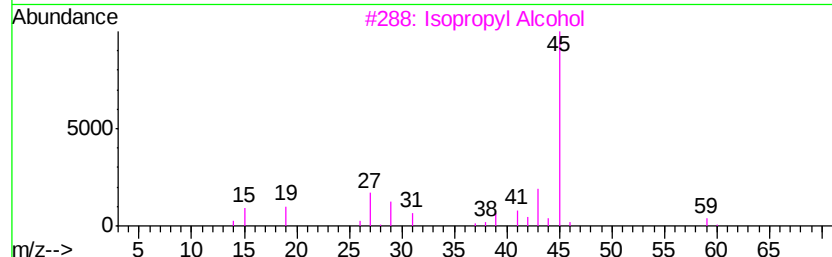
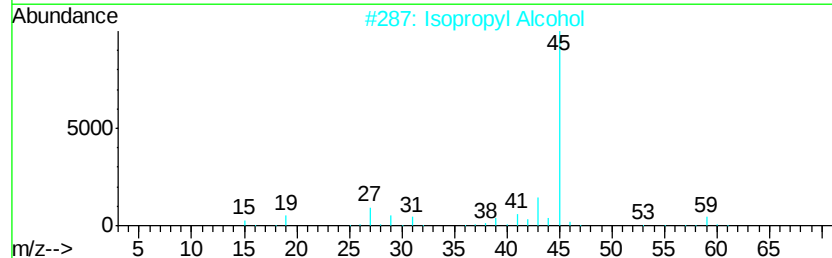
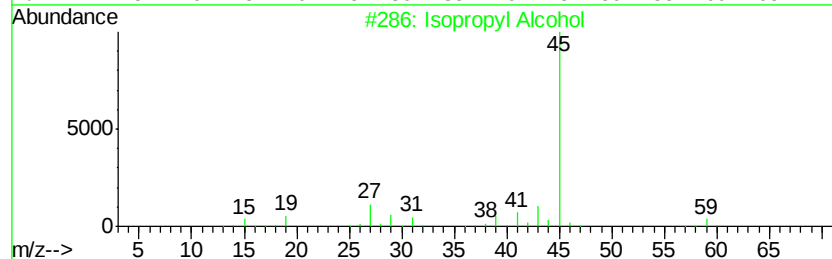
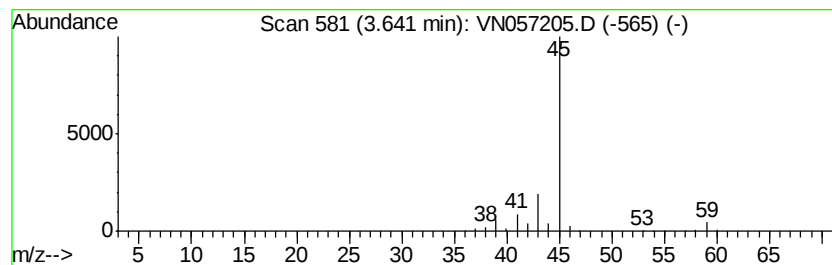
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	31.25 ug/l	1077150	Bromochloromethane	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Formamide	45	CH3NO	000075-12-7	5



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

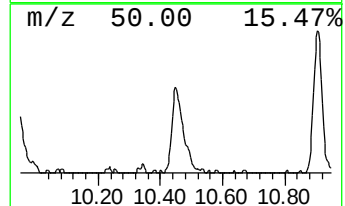
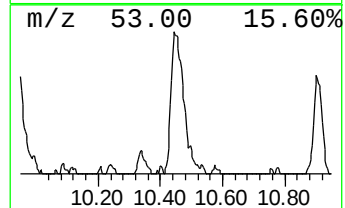
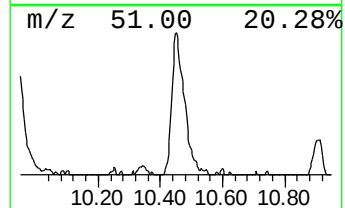
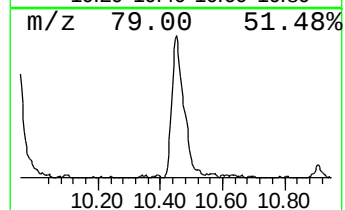
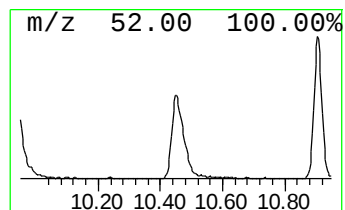
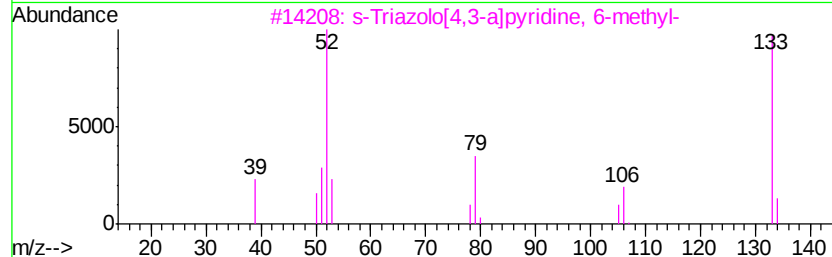
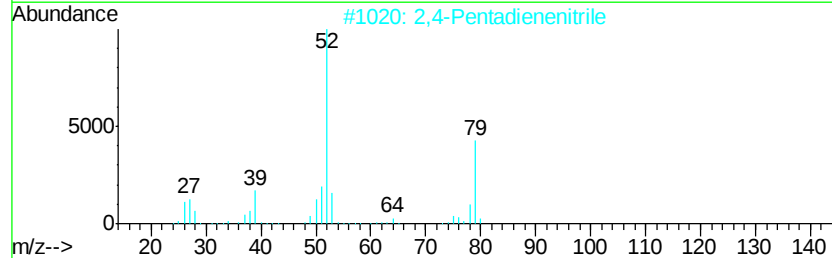
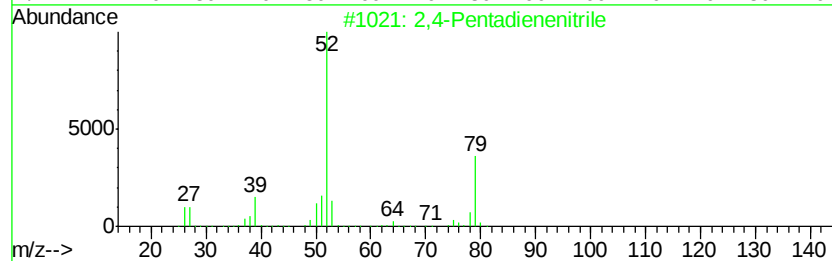
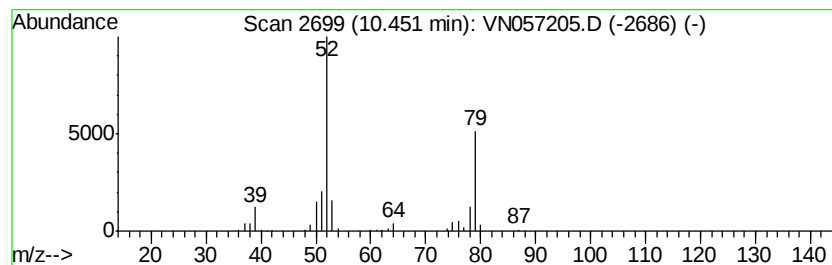
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,4-Pentadienenitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.45	4.31 ug/l	286368	Chlorobenzene-d5	10.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentadienenitrile		79	C5H5N	001615-70-9	91
2	2,4-Pentadienenitrile		79	C5H5N	001615-70-9	91
3	s-Triazolo[4,3-alpyridine, 6-met...		133	C7H7N3	004919-09-9	64
4	2-Pyridinecarboxaldehyde		107	C6H5NO	001121-60-4	64
5	Cephaloridine		415	C19H17N3O4S2	000050-59-9	50



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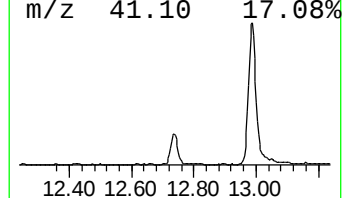
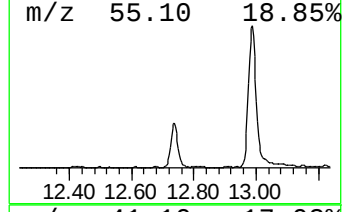
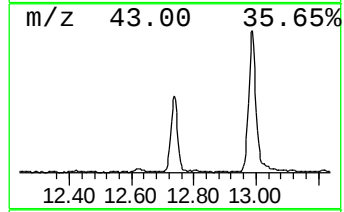
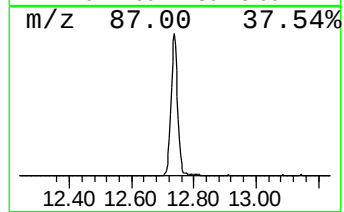
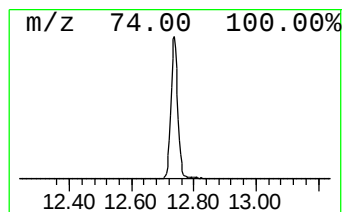
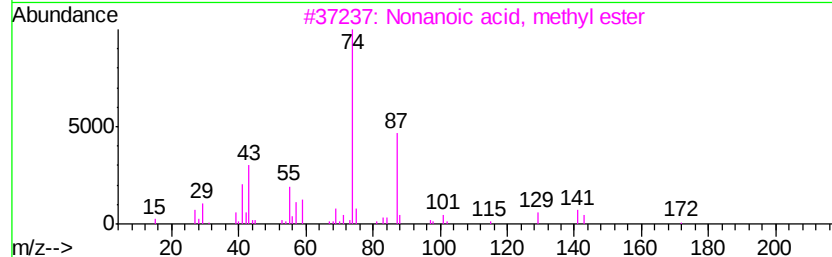
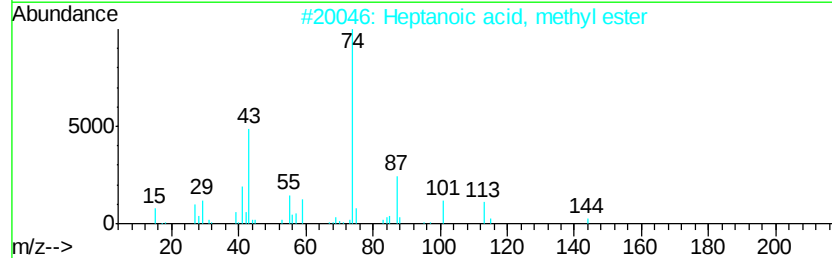
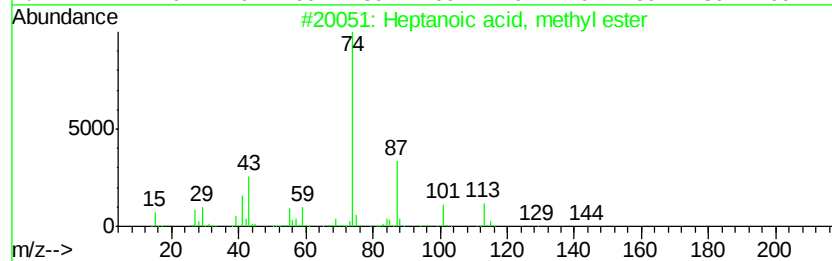
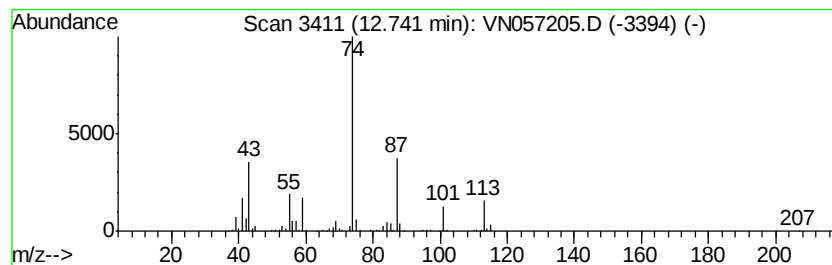
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.69 ug/l	377919	Chlorobenzene-d5	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	90	
2	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	78	
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	64	
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	64	
5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	64	



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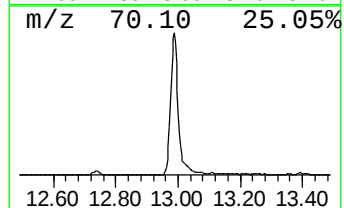
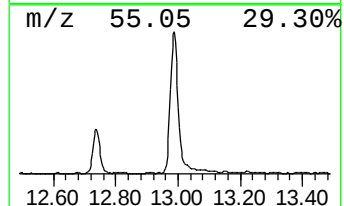
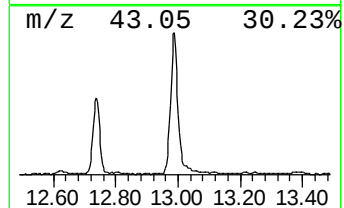
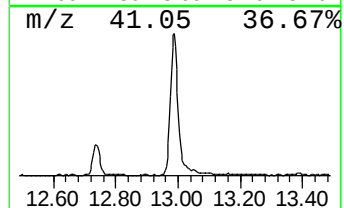
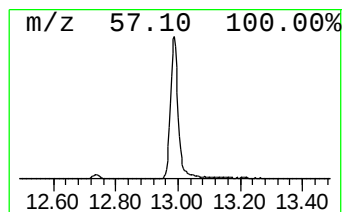
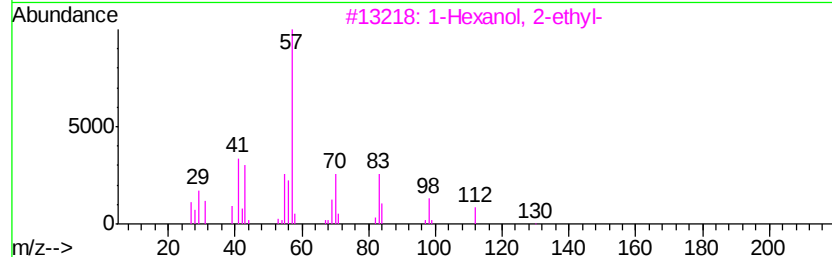
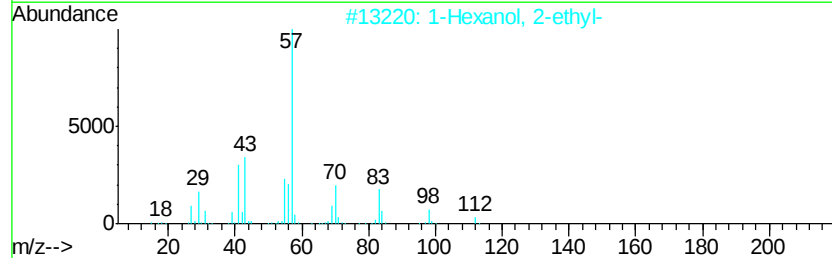
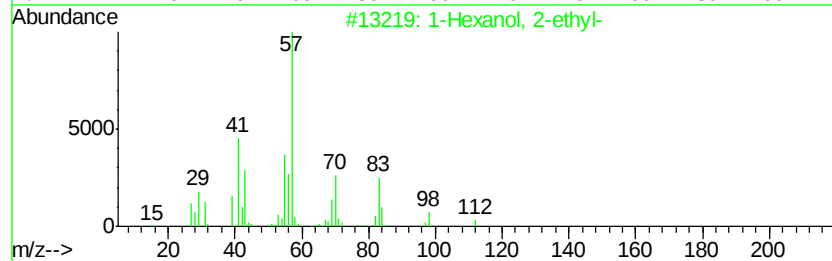
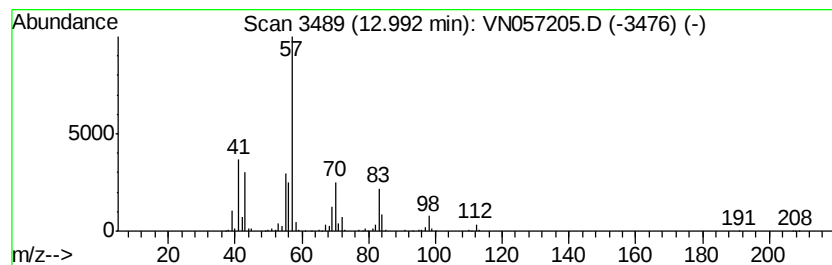
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	14.43 ug/l	958950	Chlorobenzene-d5	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057205.D
Acq On : 12 Aug 2019 10:34
Operator : JC/SP
Sample : K4271-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.00	7.2	ug/l	249531	1	6.58	1034230	30.0
Propanal	3.38	13.0	ug/l	446807	1	6.58	1034230	30.0
Isopropyl Alcohol	3.64	31.3	ug/l	1077150	1	6.58	1034230	30.0
2,4-Pentadienenit...	10.45	4.3	ug/l	286368	3	10.91	1993700	30.0
Heptanoic acid, m...	12.74	5.7	ug/l	377919	3	10.91	1993700	30.0
1-Hexanol, 2-ethyl-	12.99	14.4	ug/l	958950	3	10.91	1993700	30.0